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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 202.368 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-74

Perfect score: 1183

Sequence: 1 agctaggctccaggacc.....tcttttgatgatgcctag 1183

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	123	10.4	2015	4	US-09-023-655-1105
2	119.4	10.1	2298	4	Sequence 1105, Ap
3	110	9.3	2354	4	Sequence 1158, Ap
4	107.4	9.1	2129	4	Sequence 1080, Ap
5	101	8.5	675	1	Sequence 1452, Ap
6	101	8.5	675	1	Sequence 3, Appli
7	95	8.0	3258	4	Sequence 24, Appl
8	92.6	7.8	2435	4	Sequence 1313, Ap
9	92.4	7.8	1611	4	Sequence 1, Appli
10	92.4	7.8	1611	4	Sequence 3, Appli
11	91	7.7	2647	4	Sequence 77, Appl
12	91	7.7	2647	5	Sequence 77, Appl
13	90.8	7.7	1611	1	Sequence 3, Appli
14	90.8	7.7	1611	4	Sequence 3, Appli
15	90.8	7.7	1611	5	Sequence 3, Appli
16	89.6	7.6	1626	4	Sequence 10, Appl
17	80.4	6.8	1602	1	Sequence 1, Appli
18	80.4	6.8	1602	5	Sequence 1, Appli
19	80.4	6.8	1759	4	Sequence 2, Appli
20	71	6.0	1491	2	Sequence 1, Appli
21	71	6.0	1491	3	Sequence 1, Appli
22	68.4	5.8	282	2	Sequence 5, Appli
23	68.4	5.8	282	3	Sequence 5, Appli
24	60.4	5.1	4517	4	Sequence 7, Appli
25	60.4	5.1	4517	5	Sequence 83, Appl
26	59.4	5.0	874	4	Sequence 931, App
27	55.8	4.7	1467	4	Sequence 2, Appli

Query Match 10.4%; Score 123; DB 4; Length 2015;

Sequence 1, Appli
Sequence 12694, A
Sequence 13, Appl
Sequence 14, Appl
Patent No. 5219739
Sequence 28, Appl
Sequence 17, Appl
Sequence 7, Appl
Sequence 22338, A
Sequence 13, Appl
Sequence 1, Appl
Sequence 6, Appl
Sequence 1, Appl
Sequence 88, Appl
Sequence 86, Appl

28 55.8 4.7 1548 3 US-09-099-053-1
29 49.8 4.2 1458 4 US-09-270-767-12694
30 48 4.1 144 5 PCT-US93-06251-13
31 46 3.9 190 5 PCT-US93-06251-14
32 43.2 3.7 498 6 5219739-21
33 42.8 3.6 164 1 US-08-306-691B-28
34 42.8 3.6 164 4 US-09-860-473-17
35 42.8 3.6 164 4 US-09-444-711A-7
36 42.8 3.6 164 5 PCT-US93-06251-70
37 42 3.6 134 4 US-09-513-999C-22338
38 41.6 3.5 197 5 PCT-US95-10973A-18
39 41.6 3.5 231 4 US-09-244-583-13
40 41.6 3.5 426 4 US-09-884-050-1
41 41.6 3.5 444 3 US-09-392-932-6
42 41.6 3.5 444 4 US-09-574-708A-1
43 41.6 3.5 444 4 US-09-392-931-1
44 41.6 3.5 456 5 PCT-US95-10973A-88
45 41.6 3.5 467 5 PCT-US95-10973A-86

ALIGNMENTS

RESULT 1
US-09-023-655-1105
; Sequence 1105, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA: US/09/023.655
; APPLICATION NUMBER: US/09/023.655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2015 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g183911
US-09-023-655-1105

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Best Local Similarity 53.9%; Pred. No. 1.6e-25;
Matches 283; Conservative 0; Mismatches 230; Indels 12; Gaps 1;

Qy 457 CCAAGCCAGGAGCTGTGACCATGGAAGCAGAGAGCAAGGCCACAGCCGTCGCCCT 516
Db 303 CAACAGCAACACACAGCAATCAGGAGGCGGCTCTGAGGACATCATCGTGTGCCCT 362
Qy 517 GGGCAGTTTCCCGCAGGTGGCCGCGGAGCTGTGCTGAGACTCGGGAGCCATTGAC 576
Db 363 GTATGATTACAGGCCATTACACAGAGACCTCAGCTTCAGAGGGGACCAAGATGGT 422
Qy 577 CATCGTCTCTGAGGATGAGACTGGTGGAGCGTCTCTCTGAAGTCTCAGGCAGAGAGTA 636
Db 423 GGTCCTAGAGGAATCCGGGAGTGTGGAAGGCTCGATCCCTGGCCACCGGAGGAGGG 482
Qy 637 TAACATCCAGCGCTCACGTGGGCAAGTCTCCAT-----GGGTGGCTGTGA 684
Db 483 CTATATCCCAAGCAATATGTGCGCCGCTTGAATCTCTCTGAGACAGAGGAGTGTGTTT 542
Qy 685 TGAGGGCTGAGCAGGAGGAGAAAGCAGAGGAAGTCTGTGTTTACCTCGGAACCTGGAGG 744
Db 543 CAAGGGCATCAGCCGGAAGACGAGAGCGGCAACTCTGTGCTCCCGCAACATGCTGGG 602
Qy 745 GGCCTTCTCATCCGGGAGAGCCAGACAGGAGGCTCTTACTCTCTGTCACTGCCCT 804
Db 603 CTCCTTCATGATCCGGATAGGAGACCACTAAGGAAGTACTCTTTGTCCGTGGAGA 662
Qy 805 CAGCGCCCTGCATCTCGGACCGGATCAGACACTCAGAGTCCATCGCTTGAATGG 864
Db 663 CTACGACCTCGGAGGAGATACCGTGAACATTAACAAGATCCGGACCTGGACAACGG 722
Qy 865 CTGCTCTACATCTACCGCGCTCAGCTTCCCTCACTCCAGCCCTGGTGGACCATTA 924
Db 723 GGGCTTCTACATATCCCGGAGACCTTCAGCACCTTCAGAGAGCTGTGGACCACTA 782
Qy 925 CTCTGAGTGGCGGATGACATCTCTGCTTACTCAAGGAGCCCTG 969
Db 783 CAAGAAGGGGAACAGCGGCTCTGCCAGAACTGTGCTGCTG 827

RESULT 2
US-09-023-655-1158
; Sequence 1158, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
```

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REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1158:
SEQUENCE CHARACTERISTICS:
LENGTH: 2298 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: g187268
US-09-023-655-1158

Query Match 10.1%; Score 119.4; DB 4; Length 2298;
Best Local Similarity 53.3%; Pred. No. 1.9e-24;
Matches 283; Conservative 0; Mismatches 236; Indels 12; Gaps 1;

Qy 454 TGTCCAGGCCAGGACCTGTGACCATGGAAGCAGAGAGCAAGGCCACAGCCGTCGCC 513
Db 447 TTTACCTGGACAGAGGTTTCAAACTAAGATCCAGAGAAACAAGGACACATTGTGGTAGC 506
Qy 514 CCTGGGCGAGTTTCCCGCAGGTGGCCGCGGAGCTGTGCTGAGACTCGGGGAGCCATT 573
Db 507 CTTGTACCCCTATGATGGCATCCACCGGACGACTTGTCTTCAAGAAGAGGAGAAGAT 566
Qy 574 GACCATCTCTCTGAGGATGAGACTGGTGGAGCGTCTCTCTGAAGTCTCAGGCAGAGA 633
Db 567 GAAAGTCTCTGGAGGAGCATGGAGAAATGGTGGAAAGCAAAAGTCCCTTTTAAACAAAAAGA 626
Qy 634 GTATACATCCCGAGCTCCACGTGGGCAAGTCTCC-----ATGGTGGCT 681
Db 627 AGCTTTATCCCGCAGCAACTATGTGGCAAACTCAACACCTTTAGAAACAGAGAGTGGT 686
Qy 682 GTATAGGGGCTCAGCAGGAGGAGAAAGCAGAGGAACTGTCTTGTACTGGGAACCTGG 741
Db 687 TTTACAGGATATTAACAGGAGGAGCAGAGAAAGGAGCTTTTGGCACCAGGAATAGCGC 746
Qy 742 AGGGGCTTCTCTCATCCGGAGAGCCAGACACAGAGAGGCTCTTACTCTCTGTCACTCCG 801
Db 747 TGGAGCTTTCCTTATTAGAGAAAGTGAACATTAAGAAAGGAGCTTCTCTCTGTCTGTCAG 806
Qy 802 CCTCAGCGCCCTGCATCTCGGACCGGATCAGACACTCAGAGTCCACTGCTTGAACA 861
Db 807 AGACTTTGACCTGTGATGTTATTAGACACTCAAAAATTAGAAAGTCTGGATAA 866
Qy 862 TGGCTGCTCTACATCTCACCGGCTCCTCCTTCCCTCACTCCAGGCCCTGGTGGACCA 921
Db 867 TGGGGGCTATTACATCTCTCCAGCAATCACTTTTCCCTGTATCAGCGACATGATTAACA 926
Qy 922 TTACTCTGAGCTGGGAGATGACATCTGCTGCCCTACTCAAGAGCCCTGTGTGT 972
Db 927 TTACCAAAAGCAGGAGATGGCTTGTGCAAGAGATTGGAGAGGCTTGTAT 977

RESULT 3
US-09-023-655-1080
; Sequence 1080, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
```

; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 ; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 ; NUMBER OF SEQUENCES: 1490
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 ; STREET: 3174 PORTER DRIVE
 ; CITY: PALO ALTO
 ; STATE: CALIFORNIA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/016,434
 ; FILING DATE: HEREWITH
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Zeller, Karen J.
 ; REGISTRATION NUMBER: 37,071
 ; REFERENCE/DOCKET NUMBER: PA-0002 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (650) 855-0555
 ; TELEFAX: (650) 845-4166
 ; INFORMATION FOR SEQ ID NO: 1452:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2129 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GENBANK
 ; CLONE: 9775207
 ; US-09-016-434-1452

Query Match	9.1%; Score 107.4; DB 4; Length 2129;
Best Local Similarity	53.2%; Pred. No. 5.3e-21;
Matches	259; Conservative 0; Mismatches 216; Indels 12; Gaps 1;
510	TGCGCCCTGGCGAGTTTCCTCCGCGAGGTGGCCGCGCAGCTGTCGCTGAGACTCGGGGAGC 569
259	TGCTCTGCGACAGTATGAGCCCTCTCAGCGGAGATCTGGGCTTTGAGACGGGGAGAC 318
570	CAATTGACCATCGTCTCTGAGGATGGAGAATGTFGGACGGTGTGTCTGAAGTCTCAGGCA 629
319	AGCTCCGCATCTCTGGAGCAGAGCGCGGAGTGTGTGGAAGCGCGAGTCCCTGACCACGGGCC 378
630	GAGAGTATAAATCATCCCAAGCTCCACGTGGGAAA-----GTCTCCCATGGGT 677
379	AGGAGGGCTTATCCCTCCCTCAATTTTGTGGCCAAACGGACAGCCTGGAGCCCGAACCT 438
678	GGCTGTATGAGGCCCTGAGCAGGGAGAAACAGAGGAACTGTCTGTTTATCTCGGGAACC 737
439	GGTTCTTCAAGAACCTCTGAGCCGCAAGGACCGGAGCGGAGCTCTCTGGGCCCGGGAACA 498
738	CTGGAGGGGCCCTTCTCATCCGGGAGAGCCAGACAGGAGAGGCTCTTACTCTCTGTCTAG 797
499	CTCAGGGCTCTTCTCTCATCCGGGAGAGCGAGAGCACCGGGGATCGTTTCACTGTCTCGG 558
798	TCGGCTCTAGCGCGCCCTGTCATCTCTGGGACGGGATCAGACACTACAGGATCCACTGCGCTTG 857
559	TCGGGACTTCGACAGACACGAGGAGGTTGGTGAACAATACAGAGATCCGTAATCTGG 618
858	ACAATGGCTGGCTGTATCACTCTACCGCGGCTCACTCTTCCCTCACTCCAGGCCCTGGTGG 917
619	ACAAAGGTGGCTTCTACATCTCCCTCGAATCACTTTTCCGGGCTCGCATGAAGACTGTGTC 678

559	TCCGGGACTTCGACCGAGACCGAGGAGAGGTGGTGAACAATTACAGATCCCGTAATCTGG	Db
588	ACAATGGCTGCTGTACATCTACGCGGCGCTCACTTCCCTCCTCACTCAGGCCCTGGTGG	Qy
619	ACAAGGTGGCTTCTACATCTCCCTCGAATCACTTTTCCGGCCCTGCAGTAACTGGTCC	Db
798	TCCGCTTACGCGCGCTTGCATCTCTGGACCGGATCAGACATACAGATCCCACTGCTTTG	Qy

QY 918 ACCATTACTCTGAGCTGGCGATGACATCTGCTGCTCTCAAGGAGCCCTGTGCTGCG 977
 Db 679 GCCATTACACCAATGCTTCAGATGGCTGTGCACACGGTTGAGCGCCCTCCAGAGACC 738
 QY 978 AGAGGGC 984
 Db 739 AGAGCC 745

RESULT 5
 US-08-707-793A-3
 ; Sequence 3, Application US/08707793A
 ; Patent No. 5776696
 ; GENERAL INFORMATION:
 ; APPLICANT: SALOWE, SCOTT P.
 ; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
 ; TITLE OF INVENTION: FUSION PROTEINS
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
 ; CITY: Rahway
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065-0900
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/707.793A
 ; FILING DATE: 04-SEP-1996
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Camara, Valerie J
 ; REGISTRATION NUMBER: 35,090
 ; REFERENCE/DOCKET NUMBER: 19494
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 908-594-3902
 ; TELEFAX: 908-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 675 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic DNA
 ; US-08-707-793A-3

Query Match 8.5%; Score 101; DB 1; Length 675;
 Best Local Similarity 59.8%; Pred. No. 2.2e-19;
 Matches 173; Conservative 0; Mismatches 120; Indels 0; Gaps 0;
 QY 677 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAGAACTGCTGTGTTACTCTGGAC 736
 Db 373 TGGTTCTTCAAGAACCTGAGCCGCAAGGACCGGAGCGGAGCTCTGCGCCCGGAAAC 432
 QY 737 CTTGGAGGGGCTTCTCATCCGGGAGGACGACAGGAGAGGCTCTTACTCTGTGCA 796
 Db 433 ACTCAGGCTCTTCTCATCCGGGAGGAGGACCGCGGATCGTTTCACTGTGCG 492
 QY 797 GTCCGCTCAGCCGCTGTCATCTCTGGACCGGATCAGACACTACAGGATCCACTGCTT 856
 Db 493 GTCCGGAGCTTCGACCAAGACCGAGGAGAGGCTGTGAAACATTAACAAGATCCGTAATCTG 552
 QY 857 GACAATGGCTGGCTGATCATCTACCGGCTCAGCTTCCCTCCCTCAGGAGGCTGCTG 916
 Db 553 GACAACGGTGGCTTCTACATCTCCCTCGAATCACTTTTCCCGGCTTGCATGAATGCTC 612

QY 917 GACCAATTACTCTGAGCTGGCGATGACATCTGCTGCTCTCAAGGAGCCCTG 969
 Db 613 CGCCATTACACCAATGCTTCAGATGGCTGTGCACACGGTTGAGCGCCCTG 665

RESULT 6
 US-08-707-792A-3
 ; Sequence 3, Application US/08707792A
 ; Patent No. 5783398
 ; GENERAL INFORMATION:
 ; APPLICANT: MARCY, ALICE
 ; APPLICANT: SALOWE, SCOTT P.
 ; APPLICANT: WISNIEWSKI, DOUGLAS
 ; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
 ; TITLE OF INVENTION: FUSION PROTEINS
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
 ; CITY: Rahway
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065-0900
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/707.792A
 ; FILING DATE: 04-SEP-1996
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Camara, Valerie J
 ; REGISTRATION NUMBER: 35,090
 ; REFERENCE/DOCKET NUMBER: 19524
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 908-594-3902
 ; TELEFAX: 908-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 675 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic DNA
 ; US-08-707-792A-3

Query Match 8.5%; Score 101; DB 1; Length 675;
 Best Local Similarity 59.0%; Pred. No. 2.2e-19;
 Matches 173; Conservative 0; Mismatches 120; Indels 0; Gaps 0;
 QY 677 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAGAACTGCTGTGTTACTCTGGAAAC 736
 Db 373 TGGTTCTTCAAGAACCTGAGCCGCAAGGACCGGAGCGGAGCTCTGCGCCCGGAAAC 432
 QY 737 CTTGGAGGGGCTTCTCATCCGGGAGGACGACAGGAGAGGCTCTTACTCTGTGCA 796
 Db 433 ACTCAGGCTCTTCTCATCCGGGAGGAGGACCGCGGATCGTTTCACTGTGCG 492
 QY 797 GTCCGCTCAGCCGCTGTCATCTCTGGACCGGATCAGACACTACAGGATCCACTGCTT 856
 Db 493 GTCCGGAGCTTCGACCAAGACCGAGGAGAGGCTGTGAAACATTAACAAGATCCGTAATCTG 552
 QY 857 GACAATGGCTGGCTGATCATCTACCGGCTCAGCTTCCCTCCCTCAGGAGGCTGCTG 916
 Db 553 GACAACGGTGGCTTCTACATCTCCCTCGAATCACTTTTCCCGGCTTGCATGAATGCTC 612

QY 917 GACCATCTCTGAGCTGGCGATGACATCTCTGCTACTCAAGAGCCCTG 969
Db 613 CGCCATTACCAATGCTTTCAGATGGCTGTGCACACGGTTGAGCGGCCCTG 665

RESULT 7

US-09-741-238-24
; Sequence 24, Application US/09741238
; Patent No. 6706867
; GENERAL INFORMATION:
; APPLICANT: Lorenz, Matthias
; TITLE OF INVENTION: DNA Array Sequence Selection
; Patent No. 6706867
; FILE REFERENCE: NIH-05076
; CURRENT APPLICATION NUMBER: US/09/741,238
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 3258
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-741-238-24

Query Match 8.0%; Score 95; DB 4; Length 3258;

Best Local Similarity 58.8%; Pred. No. 2.5e-17;
Matches 164; Conservative 0; Mismatches 115; Indels 0; Gaps 0;

QY 672 ATGGGTGGCTGTATCAGGCGCTGACGAGGAGAAAGCAGAGAACTGTGTACTCTG 731
Db 666 AAGAGTGGTACTTTGGAAACTTGGCCGAAGATGCTGAGAGACAGCTCTGTCTTTG 725
QY 732 GGAACCTTGGAGGGCTTCTCTATCCGGAGAGCCAGACAGGAGAGGCTCTTACTCTC 791
Db 726 GAAACCCAGAGTACCTTCTATCCGAGAGCCAAACCAACCAAGGTGCTACTCAC 785
QY 792 TGTAGTGGCTCAGCGCCCTGATCTCGGAGCGGATCAGACACTACAGGATCCACT 851
Db 786 TTTCATCCGTGATTGGGATGATATGAAAGGGGACCACTCAAACTATATAAATCCGCA 845
QY 852 GCCTTGACAATGGCTGGTGTATCTCAGCGCGCTCAGCTTCCCTCACTCCAGGCCC 911
Db 846 AGCTTGACAATGGTGTATCTATACAAACGCGGCCAGTTTGAACACTTTCAGAAC 905
QY 912 TGGTGGACCATCTCTGAGCTGGCGGATGACATCTGCT 950
Db 906 TGGTACAGCATCTCAGAGAAAGCTGATGTTGTGTT 944

RESULT 8

US-09-023-655-1313
; Sequence 1313, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1313:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2435 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g338227
US-09-023-655-1313

Query Match 7.8%; Score 92.6; DB 4; Length 2435;
Best Local Similarity 56.9%; Pred. No. 1.1e-16;
Matches 170; Conservative 0; Mismatches 129; Indels 0; Gaps 0;

QY 672 ATGGGTGGCTGTATGAGGGCTGAGCAGGGAGAAAGCAGAGAACTGTGTACTCTG 731
Db 810 AAGAGTGGTACTTTGGAAACTTGGCCGAAAGATGCTGAGCGACAGCTATTGTCTTTG 869
QY 732 GGAACCTTGGAGGGCTTCTCTATCCGGAGAGCCAGACAGGAGAGGCTCTTACTCTC 791
Db 870 GAAACCCAGAGGTACTTCTTATCCGAGAGTGAACCAACCAAGGGTCTTATTCAC 929
QY 792 TGTAGTCCGCTCAGCGCCCTGATCTCTGGAGCGGATCAGACACTACAGGATCCACT 851
Db 930 TTTCATCCGTGATTGGGATGATGAAGAGGAGACCATGTCAAACTATATAAATTCGCA 989
QY 852 GCCTTGACAATGGCTGGCTGTATCTCAGCGCGCTCAGCTTCCCTCACTCCAGGCCC 911
Db 990 AACTTGACAATGGTGTACTACATTAACCCCGGCCAGTTTGAACACTTTCAGCAGC 1049
QY 912 TGGTGGACCATCTCTGAGCTGGCGGATGACATCTGCTGCTACTCAAGGAGCCCTGT 970
Db 1050 TTGTACACATCTCAGAGAGAGCTGCAGGTCTCTGCTCGCCCTAGTAGTTCCCTGT 1108

RESULT 9

US-09-444-711A-1
; Sequence 1, Application US/09444711A
; Patent No. 6764833
; GENERAL INFORMATION:
; APPLICANT: Yeatman, Timothy J.
; APPLICANT: Irbay, Rosalyn B.
; TITLE OF INVENTION: Mutated SRC Oncogene Composition and Methods
; FILE REFERENCE: USF-T136
; CURRENT APPLICATION NUMBER: US/09/444,711A
; CURRENT FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 1611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1611)
; OTHER INFORMATION: nucleotide sequence of normal c-src oncogene coding region
; FEATURE:
; NAME/KEY: CDS

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; LOCATION: (1)..(1611)
; OTHER INFORMATION:
US-09-444-711A-1

Query Match      7.8%; Score 92.4; DB 4; Length 1611;
Best Local Similarity 53.6%; Pred. No. 1e-16;
Matches 223; Conservative 0; Mismatches 181; Indels 12; Gaps 1;

QY 556 GAGACTCGGGAGGACATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTGTC 615
DB 318 GAAGGGCAGCGGCTCCAGATTGTCAACAACACGAGGAGGACTGGTGGTGGCCCACTC 377
QY 616 TGAAGTCTCAGGCAGAGAGATATAACATCCCGAGGGTCCAGTGG-----GCAA 663
DB 378 GCTCAGCAGCAGCAGACAGAGGCTACATCCCGAGCAACTACCTGGCGCCCTCCGACTCCAT 437
QY 664 AGTCTCCCATGGGTGGTGTATGAGGGCTCAGCAGGAGGAGAAAGCAGAGGAACTGCTGTT 723
DB 438 CCAGGCTCAGGAGTGGTATTTTGGCAAGATCACAGACGGAGTCTCAGAGCGGTACTGCT 497
QY 724 GTTACTCTGGAAACCTCGAGGGGCTTCTCATCCGGAGAGCCAGACAGAGAGGCTC 783
DB 498 CAATGACAGAAACCCGAGAGGGACCTTCTCGTGGAGAAAGTGAGACCAAGAGGTGC 557
QY 784 TTACTCTCTGTCAGTCCGGCTCAGCGGCTCGATCTCTGGGACCGGATCAGACACTACAG 843
DB 558 CTACTGCTCTCAGTGTCTGACTTCGACAAAGCGCTTCAAGCTGAAGCACTACAA 617
QY 844 GATCCACTGCTTGACATGGCTGGCTGTATCATCTCACCGGCGCTCACCTTCCCTCACT 903
DB 618 GATCGCAAGCTGGACAGCGGGCTTCTATCATCTCCGACCCAGTTCACAGCCT 677
QY 904 CCAGGCCCTGTGGACCACTACTCTGAGCTGGCGGATGACATCTGCTGCTACTCA 959
DB 678 GCAGCAGCTGGTGGCTTACTTCCAAACACGCGATGGCCTGTGCCACCGCTCA 733

RESULT 10
US-09-444-711A-3
; Sequence 3, Application US/09444711A
; Patent No. 6764833
; GENERAL INFORMATION:
; APPLICANT: Yeatman, Timothy J.
; APPLICANT: Irby, Rosalyn B.
; TITLE OF INVENTION: Mutated SRC Oncogene Composition and Methods
; FILE REFERENCE: USF-T136
; CURRENT APPLICATION NUMBER: US/09/444,711A
; CURRENT FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 1611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1593)
; OTHER INFORMATION: nucleotide sequence of mutant c-Src oncogene coding region
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1593)
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1591)..(1591)
; OTHER INFORMATION: Point mutation in normal c-Src causes transition from c-->t and
; OTHER INFORMATION: the formation of a stop codon.
US-09-444-711A-3

Query Match      7.8%; Score 92.4; DB 4; Length 1611;
Best Local Similarity 53.6%; Pred. No. 1e-16;
Matches 223; Conservative 0; Mismatches 181; Indels 12; Gaps 1;

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QY 556 GAGACTCGGGAGGACATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTGTC 615
DB 318 GAAGGGCAGCGGCTCCAGATTGTCAACAACACGAGGAGGACTGGTGGTGGCCCACTC 377
QY 616 TGAAGTCTCAGGCAGAGAGTATAACATCCCGAGGGTCCAGTGG-----GCAA 663
DB 378 GCTCAGCAGCAGCAGACAGAGGCTACATCCCGAGCAACTACCTGGCGCCCTCCGACTCCAT 437
QY 664 AGTCTCCCATGGGTGGTGTATGAGGGCTCAGCAGGAGGAGAAAGCAGAGGAACTGCTGTT 723
DB 438 CCAGGCTCAGGAGTGGTATTTTGGCAAGATCACAGACGGAGTCTCAGAGCGGTACTGCT 497
QY 724 GTTACTCTGGAAACCTCGAGGGGCTTCTCATCCGGAGAGCCAGACAGAGAGGCTC 783
DB 498 CAATGACAGAAACCCGAGAGGGACCTTCTCGTGGAGAAAGTGAGACCAAGAGGTGC 557
QY 784 TTACTCTCTGTCAGTCCGGCTCAGCGGCTCGATCTCTGGGACCGGATCAGACACTACAG 843
DB 558 CTACTGCTCTCAGTGTCTGACTTCGACAAAGCGCTTCAAGCTGAAGCACTACAA 617
QY 844 GATCCACTGCTTGACATGGCTGGCTGTATCATCTCACCGGCGCTCACCTTCCCTCACT 903
DB 618 GATCGCAAGCTGGACAGCGGGCTTCTATCATCTCCGACCCAGTTCACAGCCT 677
QY 904 CCAGGCCCTGTGGACCACTACTCTGAGCTGGCGGATGACATCTGCTGCTACTCA 959
DB 678 GCAGCAGCTGGTGGCTTACTTCCAAACACGCGATGGCCTGTGCCACCGCTCA 733

RESULT 11
US-09-220-132-77
; Sequence 77, Application US/09220132
; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT
; OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 07334-074001
; CURRENT APPLICATION NUMBER: US/09/220,132
; CURRENT FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: US 60/079,303
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: US 60/068,821
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 2647
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-220-132-77

Query Match      7.7%; Score 91; DB 4; Length 2647;
Best Local Similarity 56.5%; Pred. No. 3.3e-16;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

QY 672 ATGGGTGCTGTATGAGGGCTCAGCAGGAGGAGAAAGCAGAGGAACTGCTGTTTACTCTG 731
DB 1019 AAGAGTGGTACTTTTGGAAAACTTGGCGGAAAAAGATGCTGAGCGCAGCTATTGTCTTTG 1078
QY 732 GGAACCTGGAGGGGCTTCTCATCCGGAGAGCCAGACAGAGAGGCTCTTACTCTC 791
DB 1079 GAAACCCCAAGAGGTACTCTTTCTATCCGAGAGTGAACCCACCAAGGTGCTTATTTCAC 1138
QY 792 TGTGAGTCCGCTCAGCGGCTCGATCTCTGGGACCGGATCAGACACTACAGGATCCACT 851
DB 1139 TTTCTATCCGTTGATTGGATGATGAAGAGAGACCATGTCAAACTATATAAATTCGCA 1198
QY 852 GCCTTGCAATGGCTGGCTGTACATCTCAGCGGCTCAGCTCCCTCACTCCAGGCCC 911
DB 1199 AACTTGAATGTTGGTACTACATATTACCCCGGGGCCAGTTTGAACACTTCAGCAGC 1258
QY 912 TGGTGGACCATTACTCTGAGCTGGCGGATGACATCTGTGCTACTCAAGAGGCCCTGT 970

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Db 1259 TTGTACAACTACTCAGAGAGAGCTGCGGTCTCTGTCGCGCCTAGTAGTCCCTGT 1317

RESULT 12
PCT-US93-06251-77
Sequence 77, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 2647 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-77

Query Match 7.7%; Score 91; DB 5; Length 2647;
Best Local Similarity 56.5%; Pred. No. 3.3e-16;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

Qy 672 ATGGTGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAGAACTGCTGTTGTACCTG 731
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Qy 732 GGAACCTGGAGGCGCTTCATCCGGAGAGCAGACACGAGAGGCTTACTCTC 791
Db 1079 GAAACCCAGAGGTACTTCTTATCCGAGAGTGAACACCAACCAAGGTGCTATTAC 1138

Qy 792 TGTCACTCGCTCAGCGCGCTGCATCTCTGGACCGGATCAGACACTACAGGATCCACT 851
Db 1139 TTTCTATCGGTGATGGATGATGAAGAGGACCATGTCAACATTTAAATTCGA 1198

Qy 852 GCCTTGACAATGGCTGGCTGTACATCTCACCGCGCTCACCTTCCCTCAGCGGCC 911
Db 1199 AACTTGACAATGGTGATACATACATACCACCGCGCCAGTTTGAACACTTTCAGCAGC 1258

Qy 912 TGGTGGACATTAATCTGAGCTGGCGGATGATCATCTGCTGCTACTCAAGAGGCGCTGT 970
Db 1259 TTGTACAACTACTCAGAGAGAGCTGCGGTCTCTGCTGCGCCTAGTAGTCCCTGT 1317

RESULT 13
US-07-820-011A-3
Sequence 3, Application US/07820011A

Patent No. 5336615
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madri, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luchringer, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
TITLE OF INVENTION: Migration
TITLE OF INVENTION: and Plasmidogen Activator Activity
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb storage
COMPUTER: IBM PC XT
OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820,011A
FILING DATE: 19920106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: LB-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1611
TYPE: NUCLEIC ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: cdna to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapien
POSITION IN GENOME:
CHROMOSOME/SEGMENT: Chromosome 20
PUBLICATION INFORMATION:
AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.
AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
TITLE: pp60c-src
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.
AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence

	TITLE: Divergence among src-Type Kinase	
	TITLE: Oncogenes	
	JOURNAL: Molecular and Cellular Biology	
	VOLUME: 7	
	ISSUE: 5	
	PAGES: 1978-1983	
	DATE: May, 1987	
	US-07-820-011A-3	
	Query Match	7.7%; Score 90.8; DB 1; Length 1611;
	Best Local Similarity	53.4%; Pred. No. 2.9e-16;
	Matches 222; Conservative	0; Mismatches 182; Indels 12; Gaps 1;
QY	556 GAGACTCGGGGAGCCATTGACCATCTGTCTGTGAGATGGAGACTGGTGGAGCGTGCTGC	615
DB	318 GAAAGCGGAGCGGCTCCAGATTGTTCACAACACAGAGGGAGACTGGTGGCTGGCCCACTC	377
QY	616 TGAAGTCTCAGGCAGAGAGTAGTAATATCCCCAGAGGTTCCACGTGG-----GCAA	663
DB	378 GCTCAGCACAGACAGACAGGCTATATCCCAGCAACTACGTGGCGCCCTCCGACTCCAT	437
QY	664 AGTCTCCCATGGTGGCTGTATGAGGGCTCAGCAGGAGGAGAACGAGGAGGCTGCT	723
DB	438 CCAGGCTCAGGAGTGGTATTTTGGCAAGATCACACAGACGGGAGTCAAGCGGTTTACTGCT	497
QY	784 TTACTCTCTGTCAGTCCGCCCTCAGCGCCCTCAGCGCCCTCAGCGGCTCAGCTACAG	843
DB	618 GATCCGCAAGCTGGACAGCGGGCTTCTATCATCACTCCCGCACCCAGTTTCAACAGCCT	677
QY	904 CAGGCGCCCTGGTGGACCACTTACTCTGAGCTGGCGATGACATCTGCTGCCCTACTCA	959
DB	678 GCAGCAGCTGGTGGCTTACTTCCAAAACAGCCGATGGCTGTGGCCACCGCCTCA	733
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	Sequence 3, Application PC/TUS9300445	
	GENERAL INFORMATION:	
	APPLICANT: Bell, Leonard	
	APPLICANT: Madri, Joseph A.	
	APPLICANT: Warren, Stephen L.	
	APPLICANT: Luthringer, Daniel J.	
	TITLE OF INVENTION: Genetically Engineered	
	TITLE OF INVENTION: Endothelial Cells	
	NUMBER OF SEQUENCES: 4	
	CORRESPONDENCE ADDRESS:	
	ADDRESS: Maurice M. Klee	
	STREET: 1951 Burr Street	
	CITY: Fairfield	
	STATE: Connecticut	
	COUNTRY: USA	
	ZIP: 06430	
	COMPUTER READABLE FORM:	
	MEDIUM TYPE: 3.5 inch, 760 Kb storage	
	COMPUTER: DELL 486/50	
	OPERATING SYSTEM: DOS 5.0	
	SOFTWARE: Displaywrite 3	
	CURRENT APPLICATION DATA:	
	APPLICATION NUMBER: PCT/US93/00445	
	FILING DATE: 19930105	
	CLASSIFICATION:	
	PRIOR APPLICATION DATA:	
	APPLICATION NUMBER: 07/820,011	
	FILING DATE: 06-JAN-1992	
	ATTORNEY/AGENT INFORMATION:	
	NAME: Klee, Maurice M.	
	REGISTRATION NUMBER: 30,399	
	REFERENCE/DOCKET NUMBER: ALX-101PCT	
	TELECOMMUNICATION INFORMATION:	
	TELEPHONE: (203) 255 1400	
	TELEFAX: (203) 254 1101	
	INFORMATION FOR SEQ ID NO: 3:	
	SEQUENCE CHARACTERISTICS:	
	LENGTH: 1611	
	TYPE: NUCLEIC ACID	
	STRANDEDNESS: Double	
	TOPOLOGY: Linear	
	MOLECULE TYPE: cdna to mRNA	
	HYPOTHETICAL: No	
	ANTI-SENSE: No	
	ORIGINAL SOURCE:	
	ORGANISM: Homo sapien	
	POSITION IN GENOME:	
	CHROMOSOME/SEGMENT: Chromosome 20	

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OM nucleic - nucleic search, using sw model

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Maximum Match 100%

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- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
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- 20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	784.4	66.3	786	14	US-10-043-649-1
4	784.4	66.3	786	17	US-10-432-746A-4
5	775.4	65.5	864	10	US-09-814-353-21302
6	758.2	64.1	763	9	US-09-867-550-953
7	724.2	61.2	1413	17	US-10-115-635-120
8	661.8	55.9	737	17	US-10-432-746A-6
9	561.4	47.5	1348	17	US-10-432-746A-1
10	535.2	45.2	777	17	US-10-432-746A-2
11	348	29.4	444	9	US-09-867-550-951
12	341	28.8	875	9	US-09-867-550-1915

13	213.4	18.0	320	10	US-09-814-353-17314	Sequence 17314, A
14	157.4	13.3	2665	9	US-09-954-456-499	Sequence 499, App
15	157.4	13.3	2665	15	US-10-172-118-1312	Sequence 1312, Ap
16	157.4	13.3	2665	16	US-10-342-887-1312	Sequence 1312, Ap
17	157.4	13.3	2665	17	US-10-775-169-154	Sequence 154, App
18	157.4	13.3	3452	18	US-10-723-860-5340	Sequence 5340, Ap
19	157.4	13.3	3756	13	US-10-002-600-91	Sequence 91, Appli
20	141.8	12.0	432	9	US-09-864-761-2829	Sequence 2829, Ap
21	141.8	12.0	448	9	US-09-864-761-15513	Sequence 15513, A
22	131.6	11.1	152	10	US-09-814-353-4631	Sequence 4631, Ap
23	131.6	11.1	152	10	US-09-814-353-10930	Sequence 10930, A
24	124.6	10.5	2243	16	US-10-062-674-2038	Sequence 2038, Ap
25	123	10.4	1924	16	US-10-193-720-1	Sequence 1, Appli
26	123	10.4	2015	9	US-09-954-456-1383	Sequence 1383, Ap
27	123	10.4	2015	15	US-10-007-010-3	Sequence 3, Appli
28	123	10.4	2015	15	US-10-172-118-726	Sequence 726, App
29	123	10.4	2015	16	US-10-342-887-726	Sequence 726, App
30	123	10.4	2015	16	US-10-641-643-1105	Sequence 1105, Ap
31	123	10.4	2015	17	US-10-755-889-261	Sequence 261, App
32	123	10.4	2015	17	US-10-775-169-106	Sequence 106, App
33	123	10.4	2341	15	US-10-252-157-140	Sequence 140, App
34	119.4	10.1	2298	14	US-10-175-523-50	Sequence 50, Appli
35	119.4	10.1	2298	15	US-10-172-118-762	Sequence 762, App
36	119.4	10.1	2298	16	US-10-159-563-343	Sequence 343, App
37	119.4	10.1	2298	16	US-10-342-887-762	Sequence 762, App
38	119.4	10.1	2298	17	US-10-641-643-1158	Sequence 1158, Ap
39	119.4	10.1	2298	17	US-10-755-889-269	Sequence 269, App
40	110.6	9.3	1530	11	US-09-997-722-234	Sequence 234, App
41	110.6	9.3	2032	11	US-09-997-722-233	Sequence 233, App
42	110.6	9.3	2032	15	US-10-366-288-27	Sequence 27, Appli
43	110.6	9.3	2032	17	US-10-316-515-4	Sequence 4, Appli
44	110	9.3	1590	15	US-10-085-117-18	Sequence 18, Appli
45	110	9.3	2354	9	US-09-967-768A-300	Sequence 300, App

ALIGNMENTS

RESULT 1
US-09-939-853A-74
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: 21402-099
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 74
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-74
Query Match 100.0%; Score 1183; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 AGCTAGAGCTCCAGGACCCACCGCTGTCTGTGTGACAGAGCTCAAGGCGCCCTGG 60
Db 1 AGCTAGAGCTCCAGGACCCACCGCTGTCTGTGTGACAGAGCTCAAGGCGCCCTGG 60
Oy 61 CCTTCCCTCCCTGGCTCGCTGTGCTTGGAGGGTTCCTCCAGTCCAGAACTCCTAAGGAG 120

601 GTGGAGGTGCTGTCTGAAGTCTCAGGACAGAGTATAATATCCAGGCTCCAGTGGG 660
Db GTGGAGGTGCTGTCTGAAGTCTCAGGACAGAGTATAATATCCAGGCTCCAGTGGG 524
661 CAAAGTCTCCATGGGTGCTGTATGAGGCTGTAGCAGGAGAAAGCAGAGGAACTGCT 720
Db CAAAGTCTCCATGGGTGCTGTATGAGGCTGTAGCAGGAGAAAGCAGAGGAACTGCT 464
721 GTTGTACTCTGGAACCTCTGGAGGGCTTCTCATTCGGGAGAGCCAGACAGGAGG 780
Db GTTGTACTCTGGAACCTCTGGAGGGCTTCTCATTCGGGAGAGCCAGACAGGAGG 404
781 CTCCTACTCTGTAGTCCGCTCAGCCGCTGATCTGAGGAGGAGTACAGACTA 840
Db CTCCTACTCTGTAGTCCGCTCAGCCGCTGATCTGAGGAGGAGTACAGACTA 344
841 CAGGATCCACTGCTTGAACATGGCTGTGATCTTACATCTCAGCGGCTCAGCTTCCCTC 900
Db CAGGATCCACTGCTTGAACATGGCTGTGATCTTACATCTCAGCGGCTCAGCTTCCCTC 284
901 ACTCAGGCTGCTGGGACCAATTAATCTGAGTGGCGGATGATCTGCTGCTACTCAA 960
Db ACTCAGGCTGCTGGGACCAATTAATCTGAGTGGCGGATGATCTGCTGCTACTCAA 224
961 GGAGCCCTGTCTGTCAGAGGGCTGGCCGCTCTCCCTGCAAGGATATACCCCTACCTGT 1020
Db GGAGCCCTGTCTGTCAGAGGGCTGGCCGCTCTCCCTGCAAGGATATACCCCTACCTGT 164
1021 GACTGTGACAGAGACCACTCAACTGGAAGAGCTGGACAGCTCCCTCTCTTTCTGA 1080
Db GACTGTGACAGAGACCACTCAACTGGAAGAGCTGGACAGCTCCCTCTCTTTCTGA 104
1081 AGCTGCCACAGGGAGGAGTCTTTCTCAGTGAAGGCTCTCCGGAGTCCCTCAGCTTCTA 1140
Db AGCTGCCACAGGGAGGAGTCTTTCTCAGTGAAGGCTCTCCGGAGTCCCTCAGCTTCTA 44
1141 CATGAGCTGAATGACGAGGCTGTCTCTTTGATGATGCTTAG 1183
43 CATGAGCTGAATGACGAGGCTGTCTCTTTGATGATGCTTAG 1

RESULT 3

US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; FILE REFERENCE: Retroviral-based Functional Screen
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260,953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

; NAME/KEY: CDS
; LOCATION: (1)..(786)
; OTHER INFORMATION:
US-10-043-649-1
Query Match 66.3%; Score 784.4; DB 14; Length 786;
Best Local Similarity 99.9%; Pred. No. 1.3e-234;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 398 ATGGGAAGTCTGCCCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTCTGTC 457
Db 1 ATGGGAAGTCTGCCCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTCTGTC 60
QY 458 CAAGGCCAGGACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 517
Db 61 CAAGGCCAGGACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 120
QY 518 GGCAGTTCCTGGGAGGAGTGGCCGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 577
Db 121 GGCAGTTCCTGGGAGGAGTGGCCGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 180
QY 578 ATCGTCTCTGAGGATGAGAGTGGTGGACGGTGTCTGTAAGTCTCAGGACAGAGATAT 637
Db 181 ATCGTCTCTGAGGATGAGAGTGGTGGACGGTGTCTGTAAGTCTCAGGACAGAGATAT 240
QY 638 AACATCCCAAGCGTCCAGTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGCGCTGAGC 697
Db 241 AACATCCCAAGCGTCCAGTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGCGCTGAGC 300
QY 698 AGGGAGAAAGCAGAGGAACTGCTGTTTACTCTGTCAGTCCGCTCAGCCGCGCTGCA 757
Db 301 AGGGAGAAAGCAGAGGAACTGCTGTTTACTCTGTCAGTCCGCTCAGCCGCGCTGCA 360
QY 758 CGGAGAGCCAGACCCAGGAGAGGCTTCTTACTCTGTCAGTCCGCTCAGCCGCGCTGCA 817
Db 361 CGGAGAGCCAGACCCAGGAGAGGCTTCTTACTCTGTCAGTCCGCTCAGCCGCGCTGCA 420
QY 818 TCCTGGGACCGGATCAGACCTACAGGATCCATGSCCTTGACAATGGGTGGCTGTACATC 877
Db 421 TCCTGGGACCGGATCAGACCTACAGGATCCATGSCCTTGACAATGGGTGGCTGTACATC 480
QY 878 TCACCGGCGCTCAGCTTCCCTCCTCAGGCGCTGGTGGACCATCTCTGAGCTGGCG 937
Db 481 TCACCGGCGCTCAGCTTCCCTCCTCAGGCGCTGGTGGACCATCTCTGAGCTGGCG 540
QY 938 GATGACATCTGCTGCTACTCAAGGAGCGCTGTCTGTCAGAGGCTGGCCCGCTCCCT 997
Db 541 GATGACATCTGCTGCTACTCAAGGAGCGCTGTCTGTCAGAGGCTGGCCCGCTCCCT 600
QY 998 GCGAAGGATATACCCCTACCTGTGATGTCAGAGGACACCACTCAACTGGAAAGAGCTG 1057
Db 601 GCGAAGGATATACCCCTACCTGTGATGTCAGAGGACACCACTCAACTGGAAAGAGCTG 660
QY 1058 GACAGCTCCCTCTGTTTCTGAAAGCTGCCACAGGGAGGAGTCTCTCTCAGTGAAGGT 1117
Db 661 GACAGCTCCCTCTGTTTCTGAAAGCTGCCACAGGGAGGAGTCTCTCTCAGTGAAGGT 720
QY 1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGATGATGAGGCTGTCTCTTTGGATGAT 1177
Db 721 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGATGATGAGGCTGTCTCTTTGGATGAT 780
QY 1178 GCCTAG 1183
Db 781 GCCTAG 786
RESULT 4
US-10-432-746A-4
; Sequence 4, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael

Mon Jan 3 11:32:16 2005

;; TITLE OF INVENTION: ADAPTER GENE
;; FILE REFERENCE: 3477.102
;; CURRENT APPLICATION NUMBER: US/10/432,746A
;; CURRENT FILING DATE: 2003-05-27
;; PRIOR APPLICATION NUMBER: PCT/CA01/01662
;; PRIOR FILING DATE: 2001-11-26
;; PRIOR APPLICATION NUMBER: CA 2,324,663
;; PRIOR FILING DATE: 2000-11-27
;; NUMBER OF SEQ ID NOS: 17
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 4
;; LENGTH: 786
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; US-10-432-746A-4

Query Match 66.3%; Score 784.4; DB 17; Length 786;
Best Local Similarity 99.9%; Pred. No. 1.3e-234;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 398 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTCTGTC 457
Db |||||
QY 1 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTCTGTC 60
Db |||||
QY 458 CAAGGCCAGGCACTGTGACCATGGAAGCAGAGAGAAAGGCCACAGCCGTGGCCCTG 517
Db |||||
QY 61 CAAGGCCAGGCACTGTGACCATGGAAGCAGAGAGAAAGGCCACAGCCGTGGCCCTG 120
Db |||||
QY 518 GGCAGTTTCCCGCAGAGTGGCCGCGCCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 577
Db |||||
QY 121 GGCAGTTTCCCGCAGAGTGGCCGCGCCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 180
Db |||||
QY 578 ATCTCTCTGAGATGGAGACTGTGTGACGGTGTCTGTGAAGTCTCAGGCAGAGATAT 637
Db |||||
QY 181 ATCTCTCTGAGATGGAGACTGTGTGACGGTGTCTGTGAAGTCTCAGGCAGAGATAT 240
Db |||||
QY 638 AACATCCCCAGCGTCCAGTGGGCAAGTCTCCATGGGTGGCTGTATGAGGGCTCAGC 697
Db |||||
QY 241 AACATCCCCAGCGTCCAGTGGGCAAGTCTCCATGGGTGGCTGTATGAGGGCTCAGC 300
Db |||||
QY 698 AGGAGAAAGCAGAGAACTGTGTGTTTACCTGGGAACCTTGGAGGGCTTCTCTCATC 757
Db |||||
QY 301 AGGAGAAAGCAGAGAACTGTGTGTTTACCTGGGAACCTTGGAGGGCTTCTCTCATC 360
Db |||||
QY 758 CGGAGAGCCAGACACAGGAGAGGCTTTACTCTCTGTGATCCGCTCAGCCGCCCTGCA 817
Db |||||
QY 361 CGGAGAGCCAGACACAGGAGAGGCTTTACTCTCTGTGATCCGCTCAGCCGCCCTGCA 420
Db |||||
QY 818 TCCTGGGACCGGATCAGACACTACAGGATCCACTGCTTGAATGGCTGTGATCATC 877
Db |||||
QY 421 TCCTGGGACCGGATCAGACACTACAGGATCCACTGCTTGAATGGCTGTGATCATC 480
Db |||||
QY 878 TCACCGGCTCACCCTTCCCTCACTCCAGGCTTGGTGAACAATCTGAGCTGGCG 937
Db |||||
QY 481 TCACCGGCTCACCCTTCCCTCACTCCAGGCTTGGTGAACAATCTGAGCTGGCG 540
Db |||||
QY 938 GATGACATCTGCTGCTTCTCAGAGAGCCCTGTCTCAGAGGGCTGCGCCGCTCCCT 997
Db |||||
QY 541 GATGACATCTGCTGCTTCTCAGAGAGCCCTGTCTCAGAGGGCTGCGCCGCTCCCT 600
Db |||||
QY 998 GGCAGGATATACCCCTTACCTGTGACGTGTCAGAGGACACCACTCAACTGGAAGAGCTG 1057
Db |||||
QY 601 GGCAGGATATACCCCTTACCTGTGACGTGTCAGAGGACACCACTCAACTGGAAGAGCTG 660
Db |||||
QY 1058 GACAGCTCCCTCTCTGTTTCTGAAAGTGCACAGGGAGGAGTCTTCTCAGTGAAGGT 1117
Db |||||
QY 661 GACAGCTCCCTCTCTGTTTCTGAAAGTGCACAGGGAGGAGTCTTCTCAGTGAAGGT 720
Db |||||
QY 1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCTCTGATGACAGGCTGTCTCTTTGGATGAT 1177
Db |||||
QY 721 CTCGGGAGTCCCTCAGCTTCTACATCAGCTCTGATGACAGGCTGTCTCTTTGGATGAT 780
Db |||||
QY 1178 GCCTAG 1183

Db 781 GCCTAG 786

RESULT 5
US-09-814-353-21302
; Sequence 21302, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21302
; LENGTH: 864
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 2, 3, 32, 862, 863, 864
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21302

Query Match 65.5%; Score 775.4; DB 10; Length 864;
Best Local Similarity 99.2%; Pred. No. 8.7e-232;
Matches 779; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 GCTAGAGCTCCAAAGAGCCCAAGCGCTGTCTCTGTGACAGAGCTCAAGGGCCCTGGGC 61
Db |||||
QY 54 GCTAGAGCTCCAAAGAGCCCAAGCGCTGTCTCTGTGACAGAGCTCAAGGGCCCTGGGC 113
Db |||||
QY 62 CTTCCCTCCCTGGCTCGGCTGTGCTTGGAGGGTTCCTCCAGTCCAGATCCCTAAGGAGC 121
Db |||||
QY 114 CTTCCCTCCCTGGCTCGGCTGTGCTTGGAGGGTTCCTCCAGTCCAGATCCCTAAGGAGC 173
Db |||||
QY 122 ATGGGGCAGCTGATCCATCCCTGCTGTACAAACTGCTGATGACAGACATGCTGAGCTA 181
Db |||||
QY 174 ATGGGGCAGCTGATCCATCCCTGCTGTACAAACTGCTGATGACAGACATGCTGAGCTA 233
Db |||||
QY 182 CCAAAACCAACACTAGCCTCTCCCTGAGATCCTCCAGGCTGAGAGAGTTCTGGGTGT 241
Db |||||
QY 234 CCAAAACCAACACTAGCCTCTCCCTGAGATCCTCCAGGCTGAGAGAGTTCTGGGTGT 293
Db |||||
QY 242 CTTAGGACCAAGGACACTGGCAGACTTCCAGAGAGGGCCCCCAAGGCCCTAATCTGTCAG 301
Db |||||
QY 294 CTTAGGACCAAGGACACTGGCAGACTTCCAGAGAGGGCCCCCAAGGCCCTAATCTGTCAG 353
Db |||||
QY 302 CCAGAGCATGCGTCTCAGCAGAGCTGTCTTCCAGAGCTTGTATGACAAACCAATTTCCC 361
Db |||||
QY 354 CCAGAGCATGCGTCTCAGCAGAGCTGTCTTCCAGAGCTTGTATGACAAACCAATTTCCC 413
Db |||||
QY 362 TCGATGATGCTCTTCTGAGTGTCTCTGAGGAGCAATGGAGTCTGCCCCAGCAGAGA 421
Db |||||
QY 414 TCGATGATGCTCTTCTGAGTGTCTCTGAGGAGCAATGGAGTCTGCCCCAGCAGAGA 473
Db |||||

	PRIOR APPLICATION NUMBER:	PCT/CA01/01662
	PRIOR FILING DATE:	2001-11-26
	PRIOR APPLICATION NUMBER:	CA 2,324,663
	PRIOR FILING DATE:	2000-11-27
	NUMBER OF SEQ ID NOS:	17
	SOFTWARE:	Patentin version 3.2
	SEQ ID NO 6	
	LENGTH:	737
	TYPE:	DNA
	ORGANISM:	Homo sapiens
	US-10-432-746A-6	
	Query Match	55.9%; Score 661.8; DB 17; Length 737;
	Best Local Similarity	93.3%; Pred: No. 2.8e-196;
	Matches 734; Conservative	0; Mismatches 2; Indels 51; Gaps 2;
QY	398	ATGGGAAGTCTGCCACGACAGAAGAAATCTTGCCAAAGCCCAAGCTTCAGTTCTCTCTGTGC 457
DB	1	ATGGGAAGTCTGCCACGACAGAAGAAATCTTGCCAAAGCCCAAGCTTCAGTTCTCTCTGTGC 60
QY	458	CAGGCCCAGGGACTGTGACCATTGGAAGCAGAGAGAACCAAGCCACAGCCCGTGCCTGTG 517
DB	61	CAAGGCCAGGGACTGTGACCATTGGAAGCAGAGAGAACCAAGCCACAGCCCGTGCCTGTG 120
QY	518	GGCAGTTTCCCAGCAGTGGCCCCGGCCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 577
DB	121	GGCAGTTTCCCAGCAGTGGCCCCGGCCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 180
QY	578	ATCGTCTCTCAGGATGGAGACTGGTGGACGGTGCTGTCTCAAGTCTCAGGCACAGAGATAT 637
DB	181	ATCGTCTCTCAGGATGGAGACTGGTGGACGGTGCTGTCTCAAGTCTCAGGCACAGAGATAT 240
QY	638	AACATCCCCAGCGTCCACGTTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCCTGAGC 697
DB	241	AACATCCCCAGCGTCCACGTTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCCTGAGC 300
QY	698	AGGAGAGAAAGCAGAGGAACCTGTGTTTACCTTGGGAAACCTTGGAGGGCGCTTCCTCATC 757
DB	301	AGGAGAGAAAGCAGAGGAACCTGTGTTTACCTTGGGAAACCTTGGAGGGCGCTTCCTCATC 360
QY	758	CGGAGAGCCAGCACAGGAGGCTCTTACTCTGTGTCAGTCCGCCTCAGCCGCCCTTGCA 817
DB	361	CGGAGAGCCAGCACAGGAGGCTCTTACTCTGTGTCAGTCCGCCTCAGCCGCCCTTGCA 420
QY	818	TCCTGGGACCGGATCAGACACTACAGGATCCACTGCTTGACAATGGCTGGCTGTATCATC 877
DB	421	TCCTGGGACCGGATCAGACACTACAGGATCCACTGCTTGACAATGGCTGGCTGTATCATC 480
QY	878	TACCGCGCCTCACCTTCCCTCACTCCAGGCCCTGGTGACCACTTACTCTGAGCTGGCG 937
DB	481	TACCGCGCCTCACCTTCCCTCACTCCAGGCCCTGGTGACCACTTACTCT----- 531
QY	938	GATGACATCTGCTGCTACTCAAGGAGCCCTGTGCTCTGACAGGGCTGCCCGCTCCCT 997
DB	532	-----GAGGCTGGCCCGCTCCCT 550
QY	998	GGCAAAGGATATACCCCTACTGTGACTGTGCAGAGGACACCACTCACTCGGAAGAGCTG 1057
DB	551	GGCAAAGGATATACCCCTACTGTGACTGTGCAGAGGACACCACTCACTCGGAAGAGCTG 610
QY	1058	GACAGCTCCCTCTCTTTCTTGAAGCTGCCACAGGGAGGAGTCTCTTCTCAGTGAGGGT 1117
DB	611	GACAGCTCCCTCTCTTTCTTGAAGCTGCCACAGGGAGGAGTCTCTTCTCAGTGAGGGT 670
QY	1118	CTCCGGGAGTCCCTCAGCTTCTTACATCAGCTGAATGA - CGAGGCTGTCTTTGGATGA 1176
DB	671	CTCCGGGAGTCCCTCAGCTTCTTACATCAGCTGAATGAGGAGGCTGTCTCTTTGGATGA 730
QY	1177	TGCTTAG 1183
DB	731	TGCTTAG 737

RESULT 8
US-10-432-746A-6
; Sequence 6, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: McGlade, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27

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RESULT 9
US-10-432-746A-1
; Sequence 1, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 1348
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-1

Query Match      47.5%; Score 561.4; DB 17; Length 1348;
Best Local Similarity 78.2%; Pred. No. 8e-165;
Matches 714; Conservative 0; Mismatches 191; Indels 8; Gaps 3;

QY 274 AGGGCCCCCAAGCCCTAACCTGTCCAGCCAGAGCATGCTCTCAGCAGAGCTGTCTTCC 333
DB 160 AGGACTTCGAAGGGCTGACCTGTGGGTGAGTG--TGACATTTGGTGTACTACCTCAT 217

QY 334 CAAGCTTTGATGACAAACCAATTTCCCTCGATGATGTCTTCTGAGTGTCTCTGTGAGG 393
DB 218 CAAGCTGTGATGGCAAACTTTCCCTTTCCAGGTTCAGTGTGCTGTGAGGCTGTGCTG 277

QY 394 RACATGGAGTCTGCCAGCAGAGAAATCTCTGCAAGCCCAAGTTGAGTTCTCTC 453
DB 278 AGTGATGGAGTTTGTCCAGCAGAGGGAACCT---CCAGCCCAAGCCCAAGTCTCTC 334

QY 454 TGTCAAGCCAGGAGCTGTGACCATGCAAGCAGAGAGAAAGCCACAGCCGTGGC 513
DB 335 TGGTCCAGCAGGAAACCGTGTCCATGCAACCAAGAGACACAAGGTCAAGCTGTGGC 394

QY 514 CTGGGAGTTTCCGGCAGGTGGCCCGGAGCTGTGCTGAGACTCGGGAGCCATT 573
DB 395 CTTGGGAGTTTCCCGCAGGTGAAACAGCCAGACTATCTCTGAGACTCGGGAGCCGCT 454

QY 574 GACCATCTCTGTAGGATGGAGACTGTGGACGGTGTCTGCTGAAGTCTCAGGCAGAGA 633
DB 455 GACCATCATCTGTAGGATGGAGATTGGTGGACAGTCCAGTCCGGAAGTCTCAGGCAGAGA 514

QY 634 GTATAACATCCCAGCGTCCAGTGGGCAAAAGTCTCCCATGGGTGGCTGTATAGGGCCT 693
DB 515 GTACACATGCCCATGTGTATGTGGCTTAAGTCCGCCACGGGTGGCTGTACAGGGCCT 574

QY 694 GAGCAGGAGAAAGCAGAGGAATCTGCTGTGTTACTTGGGAACCTCGGAGGGCCCTTCT 753
DB 575 GAGCCGGAGAAAGCCGAGGAATCTCTGTTACTTGGGAACCCCGGAGGGCCCTTCTCT 634

QY 754 CATCCGGAGAGCCAGACAGAGAGGCTCTTACTCTCTGTGAGTCCGCTCAGCCGCC 813
DB 635 CATCCGGAGAGCCAGACAGAGAGGCTGTCTATTTCCCTGTCTCGCTCCAGCTCAGCCGCC 694

QY 814 TGCATCTGGGACCGGATCAGACACTACAGATCCACTGCTTGAACATGGCTGGCTGTA 873
DB 695 TGCATCTGGGACCGGATCAGACACTACAGATCAGCGTCTTGAATGGCTGGCTGTA 754

QY 874 CATCTACCGGGCCCTCAGCTTCCCTCTCACTCCAGGCCCTGTGTGGACCAATTAATCTGAGCT 933
DB 755 CATCTACCTCGGCTCAGCTTCCCTCTCACTCCAGGCCCTGTGTGGAGCAATTAATCTGAGCT 814

QY 934 GCGGATGACATCTGCTCCCTACTCAAGAGCCCTGTGTCTCTGACAGAGGGCTGGCCGCT 993
DB 758 GCGGATGACAGACAGAGAGGCTCTTACTCTCTGTGAGTCCGCTCAGCCGCCCTGCA 817
DB 358 CCGGAGAGCCAGACAGAGAGGCTGTATTTCCCTGTCCGTCCGACTCCGAGCTCAGCCGCCCTGCA 417

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Db 815 AGCAGATGGCATCTCTGTCCCTCAGGGAGCCGTGTGTCTCTGAGAAAGCTTTGGGCCACT 874
QY 994 CCCTGGCAAGGATATACCCCTACCTGTGTGACTGTGAGAGGACACCACTCAACTGGAAGA 1053
Db 875 ACCTGGCAAGGATATACCCCTACCTGTGTGACTGTGCAACATCATCTATAATTTGGAAAA 934
QY 1054 GCTGACAGCTCCCTCTCTGTTTCTGAAG---CTGCCACAGGGAGGAGTCTCTCTCTCAG 1110
Db 935 GCTGACCGCAGCCCTCTCTGTTTCTGGAAGCACTCGAGTGGGAGGATCTCTCTCTCAG 994
QY 1111 TGAGGGTCTCCGGAGTCCCTCAGCTTACATCAGCCTGATGACGAGGCTGTCTCTTT 1170
Db 995 TGAGGGCTCCGAGAGTCCCTCAGTTCCTTACATCAGCCTGGCTGAGGACCCCTTGATGA 1054
QY 1171 GGATGATGCCTAG 1183
Db 1055 TGCTTAGCCCTGG 1067

RESULT 10
US-10-432-746A-2
; Sequence 2, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 777
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-2

Query Match      45.2%; Score 535.2; DB 17; Length 777;
Best Local Similarity 83.1%; Pred. No. 1.1e-156;
Matches 635; Conservative 0; Mismatches 123; Indels 6; Gaps 2;

QY 398 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCAAGCCCAAGTTGAGTTCTCTGTCTGTC 457
DB 1 ATGGGAAGTTTGTCCAGCAGAGGGAAC---CTCCAGCCCAAGCCCAAGTCTCTCTGTGT 57
QY 458 CAAGCCAGGAGCTGTGACCATGGAAGCAGAGAGAAAGCCACAGCCGTGGCCCTG 517
DB 58 CAGACACAGAAACCGTGTCTCATGCAACCAAGAGACACAAGGTCAAGCTGTGGCCCTG 117
QY 518 GGCAGTTTCCCGCAGGTGGCCCGGCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 577
DB 118 GGCAGTTTCCCGCAGGTGAAACAGCCAGACTATCTCTGAGACTCGGGAGCCGCTGACC 177
QY 578 ATCGTCTCTGAGGATGGAGACTGTGTGACGGTGTGTCTGAAGTCTCAGGCAGAGAGTAT 637
DB 178 ATCATCTCTGAGGATGGAGATTGGTGGACAGTCCAGTCCGAAAGTCTCAGGCAGAGATAC 237
QY 638 AACATCCCCAGCGTCCAGTGGGCAAAAGTCTCCCATGGGTGGCTGTATGAGGGCCCTGAGC 697
DB 238 CACATGCCAGTGTGTATGTGGCTAAAGTCCGCCCAAGTGGCTGTACGAGGGCCCTGAGC 297
QY 698 AGGAGAAAGCAGAGGAATCTCTGTGTTTACTTGGGAACCCCTGGAGGGCCCTTCTCTATC 757
DB 298 CCGGAGAAAGCCGAGGAATCTCTGTACTTGGAAACCCCGGAGGGCCCTTCTCTATC 357
QY 758 CCGGAGAGCCAGACAGAGAGGCTCTTACTCTCTGTGAGTCCGCTCAGCCGCCCTGCA 817
DB 358 CCGGAGAGCCAGACAGAGAGGCTGTATTTCCCTGTCCGTCCGACTCCGAGCTCAGCCGCCCTGCA 417

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; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; FILE REFERENCE: MRI-0068
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17314
; LENGTH: 320
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-814-353-17314

Query Match      18.0%; Score 213.4; DB 10; Length 320;
Best Local Similarity 95.2%; Pred. No. 3.6e-56;
Matches 220; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 536 GCGCCGGCGGAGCTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGGA 595
DB 90 GTGCGGGCGGAGCTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGGA 149

QY 596 GACTGTGAGCGGTGCTGCTGAAGTCTCAGCAGAGATATAACATCCCGAGCTCCAC 655
DB 150 GACTGTGAGCGGTGCTGCTGAAGTCTCAGCAGAGATGTAACATCCCGAGCTCCAC 209

QY 656 GTGGCAAGTCTCCATGGGTGGCTGTATGAGGGCCCTGAGCAGGAGAAAGCAGAGAA 715
DB 210 GTGGCAAGTCTCCATGGGTGGCTGTATGAGGGCCCTGAGCAGGAGAAAGCAGAGAA 269

QY 716 CTGCTGTTTACCTGGGAACCTCGAGGGGCTTCCTCATCCGGGAGAGC 766
DB 270 CTGCTGTTTACCTGGGAACCTCGATGGGCTTCTCATCCGGGAGAGC 320

RESULT 14
US-09-954-456-499
; Sequence 499, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cand
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,840
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,863
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 2276
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 499
; LENGTH: 2665
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-954-456-499

Query Match      13.3%; Score 157.4; DB 9; Length 2665;
Best Local Similarity 54.2%; Pred. No. 2e-38;
Matches 354; Conservative 0; Mismatches 281; Indels 19; Gaps 1;

QY 410 CCCAGCAGAAATAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTCCAAGCCAGGA 469
DB 24 CCAGGAAAAAGAAATAATGGAAACAGCATGAATCCACCCCTGCGCTCCGAGAGG 83

QY 470 CCTGTGACCATGGAAGCAGAGAGAGCAAGGCCACAGCCGTGGCCCTGGGCAATTC 529
DB 84 CCCCTGCCCAACCCGAGGAGCTGGATAGGACTTCTTGGCGTCTAAGTACTACCCG 143

QY 530 GCAGTGGCCCGCCGAGCTGTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAG 589
DB 144 TCTCTGACATCAGCCCCCGATATTCGCCGAGGGGAGAAACTCGGTGTGATTTCTGAT 203

QY 590 GATGAGACTCGTGTGAGCGGTGCTGTCTGAAGTCTCAGCAGAGAGATATAACATCC 649
DB 204 GAAGGGGCTGTGTGAAAGCTATTTCTTCTTAGCACTGGTTCGAGAGAGTTACATCC 263

QY 650 GTCCACGTGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCCCTCAGCAGGAGAAAGCA 709
DB 264 ATATGTGTGGCCAGAGTTTACATGGCTGGCTGTTTGGAGGCTGGGAGAGCAAGGCC 323

QY 710 GAGGAATCTGCTGTTTACCTGGGAACCCCTGGAGGGCTTCTCTCATCCGGGAGAGCCAG 769
DB 324 GAGGAGCTGCTGAGCTGCCAGACACAAGGTTCGGCTCTCTTCATGATCAGAGAGTGAG 383

QY 770 ACCGAGAGAGCTCTTACTCTGTCTGTCAGTCGCGCTCAGCGCCCTGCACTCTCCGACCGG 829
DB 384 ACCAAGAAAGGGTTTACTCACTGTGCTGAGACACAGGCA-----G 425

QY 830 ATCAGACTACAGGATCCACTGCTTGAATGCTGCTGTACATCTCACCGCGCTC 889
DB 426 GTAAAGCATTTACCGCATTTTCCGTCGCCGAACAACTGGTACTACATTTCCCGAGGCTC 485

QY 890 ACCTTCCCTCACTCCAGGCCCTGGTGACCAATTACTCTGAGCTGGCGGATGACATCTGC 949
DB 486 ACCTTCCAGTGCCTGGAGGACCTGGTGAACCACTATTCTGAGGTGGCTGATGGCCTGTGC 545

QY 950 TGCCTACTCAAGAGCCCTGTGTCTCTGAGAGGGGTGCGCCCTCCCTGGGAGGATATA 1009
DB 546 TGTGTCTCAACAGCCCTGCTGCTGACACAAAGACAGGCTGCCCCAGCAGTTCAGGCGCTCC 605

QY 1010 CCCCTACCTGTGACTGTGTCAGAGGACACCACTCAACTGGAAGAGCTGACAG 1062
DB 606 AGCTCACCTGTCACTTCCGTCAGAAAGACTGTGGACTGGAGAGAGTGTCCAG 658

RESULT 15
US-10-172-118-1312
; Sequence 1312, Application US/10172118
; Publication No. US20030224374A1
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Chris
; APPLICANT: Van 't Veer, Laura
```


Mon Jan 3 11:32:16 2005

APPLICANT: Van de Vijver, Marc
APPLICANT: Bernards, Rene
TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
FILE REFERENCE: 9301-175-999
CURRENT APPLICATION NUMBER: US/10/172,118
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 60/380,770
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 2699
SEQ ID NO 1312
LENGTH: 2665
TYPE: DNA
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: NM_006748
DATABASE ENTRY DATE: 2001-06-18
US-10-172-118-1312

Query Match 13.3%; Score 157.4; DB 15; Length 2665;
Best Local Similarity 54.2%; Pred. No. 2e-38;
Matches 354; Conservative 0; Mismatches 281; Indels 18; Gaps 1;

QY 410 CCCAGCAGCAAAATCTCCCAAGCCCAAGCTTGAGTTCTCTGTCCAAAGCCACAGGA 469
Db |||||
24 CCAGGGAAGAAAGAAATCGGAATCGGAACACAGCATGAAATCCACCCTGCGCCTGCCGAGG 83
QY 470 CCTGTGACCATGGAAGCAGAGAGAGAAAGCAAGCCACAGCCGTGGCCCTGGGCGAGTTCCCG 529
Db |||||
84 CCCCTGCCCAACCCGGAGGACTGGATAGCGACTTCCTTGGCCGTGAAGTGACTACCCG 143
QY 530 CGAGGTGCCCGCGCGAGCTGTGCTGAGATCCGGGAGCCATGACCATCGTCTCTGAG 589
Db |||||
144 TCTCTGACATCAGCCCCCGATATTCGCCGAGGGGAGAACTGCGGTGATTTCTGAT 203
QY 590 GATGAGACTGTGACCGGTGTCTGAAGTCTCAGGCAGAGAGATATAACATCCCCAGC 649
Db |||||
204 GAAAGGGGCTGTGGAAGACTATTTCTTTAGCACTGTTCGAGAGATTACATCCCTGGA 263
QY 650 GTCCACGTTGGGCAAGTCTCCATCGGTGGTGTATGAGGGCCTGAGCAGGAGAAAGCA 709
Db |||||
264 ATATGTGTGCCAGAGTTTACCATGGCTGGCTGTTTGGAGGGCCTGGGCGAGAGCAAGGCC 323
QY 710 GAGGAATCTCTGTTTACCTGGGAACCTTGGAGGGCTTCTCATCCGGGAGAGCCAG 769
Db |||||
324 GAGGAGCTCTGAGCTGCCAGCTGCCAGACAAAGGTCGGCTCTTTCATGATCAGAGAGGTGAG 383
QY 770 ACCAGGAGAGGCTCTTACTCTCTGTCACTCCGCTCAGCCGCCCTGCATTCCTGGGACCG 829
Db |||||
384 ACCAGAGAGGGTTTACTCACTGTGCTGAGACACAGGCA-----G 425
QY 830 ATCAGACACTACAGGATCCACTGCTTGACATGGCTGGCTGTACATCTCACCGGCGCTC 889
Db |||||
426 GTAAAGCATTTACCGCATTTTTCGCTCTGCCGNAACAATGGTACTACATTTCCCGAGGCTC 485
QY 890 ACCTTCCCTCACTCCAGGCCCTGGTGGACCACTTCTGAGCTGGCGGATGACATCTGC 949
Db |||||
486 ACCTTCAGTGCCTGGAGACCTTGGTGAACCACTATTCTGAGTGGCTGATGGCTGTGC 545
QY 950 TGCCTACTCAAGGAGCCCTGTGTCTGTCAGAGGGCTGGCCCGCTCCCTGGCAGGATATA 1009
Db |||||
546 TGTGTGCTACCAAGCCCTGCCTGACACAAAGCACGGCTGCCCCAGCAGTGGAGGCGCTCC 605
QY 1010 CCCCTACTGTGACTGTGAGAGGACACCACTCACTGGAAAGAGCTGGACAG 1062
Db |||||
606 AGCTCACCTGTGCTGCTGAGAGACTGTGGACTGTGGAGAGAGTGTCCAG 658

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Job time : 1155.67 secs

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OM protein - protein search, using sw model

Run on: December 30, 2004, 16:16:14 ; Search time 24 Seconds
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Sequence: 1 MSLPSRRKSLPSPSLSSSV.....RESLFSYISLNDEAVSLDDA 261

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Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	370.5	27.4	512	3 US-08-426-509A-16	Sequence 16, Appl
2	370.5	27.4	512	4 US-08-232-545-16	Sequence 16, Appl
3	370.5	27.4	512	5 PCT-US95-05008-16	Sequence 16, Appl
4	360.5	26.6	505	3 US-08-426-509A-17	Sequence 17, Appl
5	360.5	26.6	505	4 US-08-232-545-17	Sequence 17, Appl
6	360.5	26.6	505	5 PCT-US95-05008-17	Sequence 17, Appl
7	352.5	26.1	504	4 US-09-538-092-1170	Sequence 1170, Ap
8	344.5	25.5	499	3 US-08-426-509A-19	Sequence 19, Appl
9	344.5	25.5	499	4 US-08-232-545-19	Sequence 19, Appl
10	344.5	25.5	499	5 PCT-US95-05008-19	Sequence 19, Appl
11	340	25.1	508	4 US-09-862-154-1	Sequence 1, Appl
12	340	25.1	509	3 US-09-039-555B-17	Sequence 17, Appl
13	340	25.1	509	3 US-08-426-509A-18	Sequence 18, Appl
14	340	25.1	509	3 US-09-457-040B-8	Sequence 8, Appl
15	340	25.1	509	4 US-08-232-545-18	Sequence 18, Appl
16	340	25.1	509	5 PCT-US95-05008-18	Sequence 18, Appl
17	315.5	23.3	536	4 US-09-538-092-859	Sequence 859, App
18	315.5	23.3	537	3 US-08-426-509A-11	Sequence 11, Appl
19	315.5	23.3	537	4 US-08-232-545-11	Sequence 11, Appl
20	315.5	23.3	537	5 PCT-US95-05008-11	Sequence 11, Appl
21	315.5	23.3	543	4 US-08-426-509A-14	Sequence 14, Appl
22	315.5	23.3	543	4 US-08-232-545-14	Sequence 14, Appl
23	315.5	23.3	543	4 US-09-470-881-8	Sequence 8, Appl
24	315.5	23.3	543	4 US-09-538-092-870	Sequence 870, App
25	315.5	23.3	543	5 PCT-US95-05008-14	Sequence 14, Appl
26	313.5	23.2	496	2 US-09-006-675-2	Sequence 2, Appl
27	313.5	23.2	496	3 US-09-228-603A-2	Sequence 2, Appl

28	312.5	23.1	529	3 US-08-426-509A-15	Sequence 15, Appl
29	312.5	23.1	529	4 US-08-232-545-15	Sequence 15, Appl
30	312.5	23.1	529	4 US-09-538-092-885	Sequence 885, App
31	312.5	23.1	529	5 PCT-US95-05008-15	Sequence 15, Appl
32	301	22.2	536	3 US-08-426-509A-12	Sequence 12, Appl
33	301	22.2	536	4 US-08-232-545-12	Sequence 12, Appl
34	301	22.2	536	5 PCT-US95-05008-12	Sequence 12, Appl
35	286.5	21.2	533	4 US-07-820-011A-2	Sequence 2, Appl
36	286.5	21.2	533	4 US-09-470-881-3	Sequence 3, Appl
37	286.5	21.2	533	5 PCT-US93-00445-2	Sequence 2, Appl
38	283.5	21.0	532	1 US-08-594-447-1	Sequence 1, Appl
39	283.5	21.0	532	2 US-08-665-647-1	Sequence 1, Appl
40	278	20.5	98	2 US-08-479-078-7	Sequence 7, Appl
41	276.5	20.4	530	4 US-09-444-711A-4	Sequence 4, Appl
42	276.5	20.4	536	1 US-07-820-011A-4	Sequence 4, Appl
43	276.5	20.4	536	3 US-08-426-509A-13	Sequence 13, Appl
44	276.5	20.4	536	4 US-08-232-545-13	Sequence 13, Appl
45	276.5	20.4	536	4 US-09-444-711A-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-426-509A-16
; Sequence 16, Application US/08426509A
; Patent No. 6326469
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Gishizky, Mikhail
; APPLICANT: Sures, Irman G.
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
; TITLE OF INVENTION: TYROSINE KINASES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York,
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 2.0
; CURRENT APPLICATION DATA: US/08/426,509A
; APPLICATION NUMBER: US/08/426,509A
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/232,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-5090
; TELEFAX: 212-869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 512 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: No. 6326469e
US-08-426-509A-16

Query Match 27.4%; Score 370.5; DB 3; Length 512;
Best Local Similarity 39.8%; Pred. No. 2.2e-31;
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;

QY	6	SRKSLPSPSLSSVQGGPVTMEARSKATAVALGSPFAGGPAELSLRLGEPPLTIVSED	65
DB	38	SNKQRPVPE-SQLLPGQRFQTKDPEEQDQIVVALYPYDGIHPDDLSFKKGKMKVLEEH	96
QY	66	GDWWTVLSEVSGREYNIPSVHGVK-----SHGWLVEGLSREKAEELLPLPGNPGGAFLIR	121
DB	97	GEWAKAKSLTTKKEGFIPSNVAKLNTLETEEFFKDIITRKDAERQLLAPGNSAGAFILR	156
QY	122	ESOTRRGYSLSVRLSPASWDRIHRYIRHCLDNGWLYISPRITFPSPQLQALVDHYSELAD	181
DB	157	ESETLKGSFSLSVDRDFPVHGDVINKYKIRSLDNGGYIISPRITFPCLSDMIKHQKQAD	216
QY	182	DICLLKEPCVLQAGPLPGK 202	
DB	217	GLCHRELEKACI-----SPKPOK 233	
RESULT 2			
US-08-232-545-16			
; Sequence 16, Application US/08232545			
; Patent No. 6506578			
; GENERAL INFORMATION:			
; APPLICANT: Ullrich, Axel			
; APPLICANT: Gishizky, Mikhail			
; APPLICANT: Sures, Irmann G.			
; TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine			
; TITLE OF INVENTION: Kinases			
; NUMBER OF SEQUENCES: 21			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Pennie & Edmonds			
; STREET: 1155 Avenue of the Americas			
; CITY: New York			
; STATE: New York			
; COUNTRY: U.S.A.			
; ZIP: 10036			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Floppy disk			
; COMPUTER: IBM PC compatible			
; OPERATING SYSTEM: PC-DOS/MS-DOS			
; SOFTWARE: Patent In Release #1.0, Version #1.25			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/08/232,545			
; FILING DATE: 22-APR-1994			
; CLASSIFICATION: 435			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Coruzzi, Laura A.			
; REGISTRATION NUMBER: 30,742			
; REFERENCE/DOCKET NUMBER: 7683-050			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: (212)790-9090			
; TELEFAX: (212)869-9741			
; TELEX: 66141 PENNIE			
; INFORMATION FOR SEQ ID NO: 16:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 512 amino acids			
; TYPE: amino acid			
; STRANDEDNESS: unknown			
; TOPOLOGY: unknown			
; MOLECULE TYPE: protein			
; US-08-232-545-16			
Query Match 27.4%; Score 370.5; DB 4; Length 512;			
Best Local Similarity 39.8%; Pred. No. 2.2e-31;			
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;			
QY	6	SRKSLPSPSLSSVQGGPVTMEARSKATAVALGSPFAGGPAELSLRLGEPPLTIVSED	65
DB	38	SNKQRPVPE-SQLLPGQRFQTKDPEEQDQIVVALYPYDGIHPDDLSFKKGKMKVLEEH	96
QY	66	GDWWTVLSEVSGREYNIPSVHGVK-----SHGWLVEGLSREKAEELLPLPGNPGGAFLIR	121
DB	97	GEWAKAKSLTTKKEGFIPSNVAKLNTLETEEFFKDIITRKDAERQLLAPGNSAGAFILR	156
QY	122	ESOTRRGYSLSVRLSPASWDRIHRYIRHCLDNGWLYISPRITFPSPQLQALVDHYSELAD	181
DB	157	ESETLKGSFSLSVDRDFPVHGDVINKYKIRSLDNGGYIISPRITFPCLSDMIKHQKQAD	216
QY	182	DICLLKEPCVLQAGPLPGK 202	
DB	217	GLCHRELEKACI-----SPKPOK 233	
RESULT 3			
PCT-US95-05008-16			
; Sequence 16, Application PC/TUS9505008			
; GENERAL INFORMATION:			
; APPLICANT: Sugen, Inc.			
; APPLICANT: 515 Galveston Drive			
; APPLICANT: Redwood City, California 94063-4720			
; APPLICANT: United States of America			
; APPLICANT: Wissenschaften E.V.			
; APPLICANT: Hofgarten Str. 2			
; APPLICANT: Munchen 80539			
; APPLICANT: Germany			
; TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine			
; TITLE OF INVENTION: Kinases			
; NUMBER OF SEQUENCES: 21			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Pennie & Edmonds			
; STREET: 1155 Avenue of the Americas			
; CITY: New York			
; STATE: New York			
; COUNTRY: U.S.A.			
; ZIP: 10036			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Floppy disk			
; COMPUTER: IBM PC compatible			
; OPERATING SYSTEM: PC-DOS/MS-DOS			
; SOFTWARE: Patent In Release #1.0, Version #1.25			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: PCT/US95/05008			
; FILING DATE: 24-APR-1995			
; CLASSIFICATION:			
; PRIOR APPLICATION DATA:			
; APPLICATION NUMBER: US 08/232,545			
; FILING DATE: 22-APR-1994			
; CLASSIFICATION:			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Coruzzi, Laura A.			
; REGISTRATION NUMBER: 30,742			
; REFERENCE/DOCKET NUMBER: 7683-074			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: (212)790-9090			
; TELEFAX: (212)869-9741			
; TELEX: 66141 PENNIE			
; INFORMATION FOR SEQ ID NO: 16:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 512 amino acids			
; TYPE: amino acid			
; STRANDEDNESS: unknown			
; TOPOLOGY: unknown			
; MOLECULE TYPE: protein			
; PCT-US95-05008-16			
Query Match 27.4%; Score 370.5; DB 5; Length 512;			
Best Local Similarity 39.8%; Pred. No. 2.2e-31;			
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;			
QY	6	SRKSLPSPSLSSVQGGPVTMEARSKATAVALGSPFAGGPAELSLRLGEPPLTIVSED	65
DB	38	SNKQRPVPE-SQLLPGQRFQTKDPEEQDQIVVALYPYDGIHPDDLSFKKGKMKVLEEH	96
QY	66	GDWWTVLSEVSGREYNIPSVHGVK-----SHGWLVEGLSREKAEELLPLPGNPGGAFLIR	121
DB	97	GEWAKAKSLTTKKEGFIPSNVAKLNTLETEEFFKDIITRKDAERQLLAPGNSAGAFILR	156

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QY 122 ESOTRRGYSYSLVRLSRPASWDRIHYRIHCLDNGWLYISPRFTFSLQALVDHYSELAD 181
      |||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::
Db 157 ESETLKGSPSLSVRFDPVHGVDVKHYKIRSLDNGGYYISPRFTFPCISDMIKHYQKQAD 216
      |||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::

QY 182 DICCLLKPCPCVLQIRAGPLPGK 202
      |||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::

Db 217 GLCRLEKACI-----SPKPK 233
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RESULT 4
US-08-426-509A-17
; Sequence 17, Application US/08426509A
; Patent No. 6326469
; GENERAL INFORMATION:
; APPLICANT: Ullrich,, Axel
; APPLICANT: Gishizsky,, Mikhail
; APPLICANT: Sures,, Irman G.
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
; TITLE OF INVENTION: TYROSINE KINASES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York,
; STATE: NY

```

Query Match	26.6%	Score	360.5	DB 3	Length	505
Best Local Similarity	41.6%	Pred. No.	2.6e-30			
Matches 77	Conservative	31	Mismatches	70	Indels	77
					Gaps	2

157 GSYSLVSRVDYPRQGDVTKHYKIRTLONGGFYISPRSTFTSLQELVDHYHKKNGDGLCQKL 216

Db ||: 217 SVPCM 221

RESULT 5
US-08-232-545-17
; Sequence 17, Application US/08232545
; Patent No. 6506578
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Gishizsky, Mikhail
; APPLICANT: Sures, Irman G.
; TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

Query Match	26.6%	Score 360.5;	DB 4;	Length 505;
Best Local Similarity	41.6%;	Pred. No. 2.6e-30;		
Matches 77;	Conservative 31;	Mismatches 70;	Indels 77;	Gaps 27;

RESULT 6
PCT-US95-05008-17
; Sequence 17, Application PC/TUS9505008
; GENERAL INFORMATION:

APPLICANT: Sugen, Inc.
 APPLICANT: 515 Galveston Drive
 APPLICANT: Redwood City, California 94063-4720
 APPLICANT: United States of America
 APPLICANT: Wissenschaften E.V.
 APPLICANT: Hofgarten Str. 2
 APPLICANT: Munchen 80539
 APPLICANT: Germany
 TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
 TITLE OF INVENTION: Kinases
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION NUMBER: PCT/US95/05008
 FILING DATE: 24-APR-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/232,545
 FILING DATE: 22-APR-1994
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 7683-074
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)790-9090
 TELEFAX: (212)869-9741
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 505 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 PCT-US95-05008-17

Query Match 26.6%; Score 360.5; DB 5; Length 505;
 Best Local Similarity 41.6%; Pred. No. 2.6e-30;
 Matches 77; Conservative 31; Mismatches 70; Indels 7; Gaps 2;

QY 12 PPSLSVSSVQGGVFTMEARSKATAVALGSPFAGGPAELSLRLGEPLTIIVSEDDGWTV 71
 DB 40 PGNFNSHNS---NTPGIREAGSEDIIVVLYDYEAIIHEDLSFQKQDMVLEESGEWKA 96
 QY 72 LSEVSGREYNIPSVHVQKV-----SHGWLVEGLSREKAEELLPGNPGGAFLIRESQTRR 127
 DB 97 RSLATRKEGYPISYVARVDSLETEWFFAGSRKDAERQLAPGNMGLSFMRDSEYTK 156
 QY 128 GSYSLSVRLSRPASWDRIHYRIHCLDNGWLVIYSPRLTFPSLQALVDHYSELADICLL 187
 DB 157 GSYSLSVRLDPRGDIYKIRTLNDNGGFIISPRSTFTLQELVDHYKKGNDGLCQKL 216
 QY 188 KEPCV 192
 DB 217 SVPCM 221

RESULT 7
 US-09-538-092-1170
 ; Sequence 1170, Application US/09538092
 ; Patent No. 6753314

GENERAL INFORMATION:
 APPLICANT: Giot, Loic
 APPLICANT: Mansfield, Traci A.
 TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 FILE REFERENCE: 15966-542
 CURRENT APPLICATION NUMBER: US/09/538,092
 CURRENT FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: 60/127,352
 PRIOR FILING DATE: 1999-04-01
 PRIOR APPLICATION NUMBER: 60/178,965
 PRIOR FILING DATE: 2000-02-01
 NUMBER OF SEQ ID NOS: 1387
 SOFTWARE: CuratSeqFormatter Version 0.9
 SEQ ID NO 1170
 LENGTH: 504
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (0)..(0)
 OTHER INFORMATION: Polypeptide Accession Number P51451
 US-09-538-092-1170

Query Match 26.1%; Score 352.5; DB 4; Length 504;
 Best Local Similarity 43.6%; Pred. No. 1.9e-29;
 Matches 75; Conservative 24; Mismatches 68; Indels 5; Gaps 2;

QY 25 PVTMEARSKATAVALGSPFAGGPAELSLRLGEPLTIIVSEDDGWTVLSEVSGREYNIPS 84
 DB 50 PPDEHLDEKHFVVALYDYTAANDRDQLQWLKGLQVLKGTGDMWLARSVLVTGREGYVPS 109
 QY 85 VHVGVKVS-----HGWLYEGLSREKAEELLPGNPGGAFLIRESQTRRGYSLSVRLSRPA 140
 DB 110 NFVARVESLEMERWTFPSQGRKEARQLLAPINKAGSFLIRESETNKGAFSLSVK-DVTT 168

QY 141 SWDRIRHYRIHCLDNGWLVIYSPRLTFPSLQALVDHYSELADICLLKEPCV 192
 DB 169 QGELIKHYKIRCLDEGGYIISPRITFPSLQALVQHYSKKGDLGCLCQRLTLPCV 220

RESULT 8
 US-08-426-509A-19
 ; Sequence 19, Application US/08426509A
 ; Patent No. 6326469
 GENERAL INFORMATION:
 APPLICANT: Ullrich, Axel
 APPLICANT: Gishizky, Mikhail
 APPLICANT: Sures, Irman G.
 TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
 TITLE OF INVENTION: TYROSINE KINASES
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York,
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/426,509A
 FILING DATE: 21-APR-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/232,545
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A
 REGISTRATION NUMBER: 30,742

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; REFERENCE/DOCKET NUMBER: 7683-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-750-9090
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; LENGTH: 499 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; MOLECULE TYPE: protein
US-08-232-545-19

Query Match      25.5%; Score 344.5; DB 3; Length 499;
Best Local Similarity 36.0%; Pred. No. 1.4e-28;
Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

1 MGSLPERRKSLPSLSVSSVQGGPV-----TMEARSK 34
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

35 ATAVAGLSPFAGGPAELSLRLGEPLTIVSDGDWMTVLSEVSGREYNIPSVHVGVKS--- 91
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

55 RFVALFDYAANDRDQLVKLGKQLVLRSTGDMWLARSILVTGREGYVPSNFVAPEVLE 114
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

92 -HGWLVEGLSREKAEBLLLPNGPGAFIRESQTRGSYSLSVRLSRPASWDRIHYRI 150
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

115 VEKWFRTISRDAERQALLAPMKNKAGSFILRESNKGAFLSVK-DITTQGEVVVHKYKI 173
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

151 HCLDNGLWYISPRLTPTSIALVDHYSELADICLLKEPCV 192
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

174 RSLDNGYYISPRITPTTLQALVOHYSKKGDLCKLTKPCV 215
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

RESULT 9
US-08-232-545-19
Sequence 19, Application US/08232545
Patent No. 6506578
GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
APPLICANT: Gishizky, Mikhail
APPLICANT: Sures, Iman G.
TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-050
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 499 amino acids
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; REFERENCE/DOCKET NUMBER: 7683-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; LENGTH: 499 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; MOLECULE TYPE: protein
US-08-232-545-19

Query Match      25.5%; Score 344.5; DB 3; Length 499;
Best Local Similarity 36.0%; Pred. No. 1.4e-28;
Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

1 MGSLPERRKSLPSLSSSVQGGPV-----TMEARSK 34
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

35 ATAVAGLSPFAGGPAELSLRLGEPLTIVSDGDWMTVLSEVSGREYNIPSVHVGVKS--- 91
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

55 RFVVALFDYAANDRDQLVKLGKQLVLRSTGDMWLARSILVTGREGYVPSNFVAPEVLE 114
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

92 -HGWLVEGLSREKAEBLLLPNGPGAFIRESQTRGSYSLSVRLSRPASWDRIHYRI 150
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

115 VEKWFRTISRDAERQALLAPMKNKAGSFIIRESNKGAFLSVK-DITTQGEVVYKHKI 173
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

151 HCLDNGWLYISPRITPTLQALVDHYSELADICLLKEPCV 192
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

174 RSLDNGYYISPRITPTLQALVDHYSELADICLLKEPCV 215
Dbb 1 MGLSSKRQ-----VSEKGKMSPKIRITQDKAPPLPVLVFNHLPSPNQDPDEE 54

RESULT 9
Sequence 19, Application US/08232545
GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
APPLICANT: Gishizky, Mikhail
APPLICANT: Sures, Iman G.
TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESS: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05008
FILING DATE: 24-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/232,545
FILING DATE: 22-APR-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-050
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 499 amino acids
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TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PCT-US95-05008-19

Query Match 25.5%; Score 344.5; DB 5; Length 499;
Best Local Similarity 36.0%; Pred. No. 1.4e-28;
Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

Qy 1 MGLSPSRKSLPSPSLSSVQGGPV-----TMEARSK 34
Db 1 MGLSSKRQ-----VSEKGGKSPVKIRQDKAPPLPLVFNHLPSPNQDDEEE 54
Qy 35 ATAVAGSPAGGPAEELSRLGELPTIVSDGDWTVLSVSGREYNIPSVHVGVKS--- 91
Db 55 RFVVALDYAAVNDRIQLVKGELQVLRSTGDMWLSRLVTGREGYVPSNFVAPVETLE 114
Qy 92 -HGWLYEGLGREKAEELLIPGPGGAFLIRESOTRGYSLSVLSRPAWDRIHYRI 150
Db 115 VEKWFRTISRKDAERQLLAPMKNKAGSFLIRSESNKGAFLSVK-DITTOGEVVKHYKL 173
Qy 151 HCLDNGWLYSPRTFSLQALVDHYSELADDICLLKEPCV 192
Db 174 RSLDNGGYISPRITFFPLQALVQHYSKGDLCKLTLPCV 215

RESULT 11
US-09-862-154-1
Sequence 1, Application US/09862154
Patent No. 6589758
GENERAL INFORMATION:
APPLICANT: Zhu, Xiaotian
TITLE OF INVENTION: Crystal of a Kinase-Ligand Complex and Methods of Use
FILE REFERENCE: Atty. Docket No. 6589758: A-749
CURRENT APPLICATION NUMBER: US/09/862,154
CURRENT FILING DATE: 2001-05-21
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 1
LENGTH: 508
TYPE: PRT
ORGANISM: Homo sapiens
US-09-862-154-1

Query Match 25.1%; Score 340; DB 4; Length 508;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEARSKAT-----AVALGSPAGGPAEELSRLGELPTIVSDGDWTVLSVSGRE 79
Db 48 VTGEGNPPASPLQDNLVIALHSYEPHSDGDLGFEKGEQLRILEQSGEWKQAQLTTQGE 107
Qy 80 YNIPSVHVGVKS---HGWLYEGLGREKAEELLIPGPGGAFLIRESOTRGYSLSVR 135
Db 108 GIPIFNFAKANSLPEPEPFKNLSRKAERQLLAPGNTHGSFLIRESESTAGSFSLVR 167
Qy 136 LSRPASWDRIHYRIHCLDNGWLYISPRITFFSLQALVDHYSELADDICLLKEPCVQOR 195
Db 168 DFDQNGQGVVVKYKIRNLNDGGFYISPRITFFGLHVLVRYHYNASDGLCTRLSRPCQTK 227

RESULT 12
US-09-039-555B-17
Sequence 17, Application US/09039555B
Patent No. 6033856
GENERAL INFORMATION:
APPLICANT: Koerner, Kathrin
APPLICANT: Mueller, Rolf
APPLICANT: Sadlack, Hans-Harald
TITLE OF INVENTION: PROMOTER OF THE CDC25B GENE, ITS
PREPARATION AND USE
NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/039,555B
FILING DATE: 16-MAR-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19710643.9
FILING DATE: 14-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 016779/0131
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 509 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-039-555B-17

Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEARSKAT-----AVALGSPAGGPAEELSRLGELPTIVSDGDWTVLSVSGRE 79
Db 49 VTGEGNPPASPLQDNLVIALHSYEPHSDGDLGFEKGEQLRILEQSGEWKQAQLTTQGE 108
Qy 80 YNIPSVHVGVKS---HGWLYEGLGREKAEELLIPGPGGAFLIRESOTRGYSLSVR 135
Db 109 GIPIFNFAKANSLPEPEPFKNLSRKAERQLLAPGNTHGSFLIRESESTAGSFSLVR 168
Qy 136 LSRPASWDRIHYRIHCLDNGWLYISPRITFFSLQALVDHYSELADDICLLKEPCVQOR 195
Db 169 DFDQNGQGVVVKYKIRNLNDGGFYISPRITFFGLHVLVRYHYNASDGLCTRLSRPCQTK 228

RESULT 13
US-08-426-509A-18
Sequence 18, Application US/08426509A
Patent No. 6326469
GENERAL INFORMATION:
APPLICANT: Ulrich, Axel
APPLICANT: Gishizky, Mikhail
APPLICANT: Sures, Irman G.
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York, NY
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICANT: Sures, Irman G.
; TITLE OF INVENTION: No. 6506578e1 Megakaryocytic Protein Tyrosine
; FILING DATE: 21-APR-1995
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/232,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7693-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 509 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
;
US-08-426-509A-18
;
Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

QY 26 VTMEARSKAT-----AVALGSFPAGGPAELSLRLGPEPLTIVSDGDWWTLSVSGRE 79
Db 49 VTEGSPNPASPLQDNLVIALHSYPSHDGDLGFEKGQRLILEQSGEWWKAQSLTTQOE 108
QY 80 YNIPSVHVGVKVS-----HGWLYEGLSREKAEELLLPGNPGGAFLIREQTRRGSYSLSVR 135
Db 109 GFIPFNFVAKANSLEPEPWFKNLSRKDAERQLLAPGNTHGSLFIRESESTAGSFSLSVR 168
QY 136 LSRPASWDRIHRHYRICHLDNGWLYISPRITPSPQLQALVDHYSELADDCILCKEPCVLQR 195
Db 169 DFDQNGQEVVHXKIRNLNDGGFYISPRITPGLHVLVRYHYNASDGLCTRLSRPCQTOK 228

RESULT 14
US-09-457-040B-8
; Sequence 8, Application US/09457040B
; Patent No. 6387641
; GENERAL INFORMATION:
; APPLICANT: Vertex Pharmaceuticals Incorporated
; APPLICANT: Bellon, Steve
; TITLE OF INVENTION: Crystallized P38 Complexes
; FILE REFERENCE: VPI/98-14
; CURRENT APPLICATION NUMBER: US/09/457,040B
; CURRENT FILING DATE: 1999-12-08
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Human
US-09-457-040B-8
;
Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

QY 26 VTMEARSKAT-----AVALGSFPAGGPAELSLRLGPEPLTIVSDGDWWTLSVSGRE 79
Db 49 VTEGSPNPASPLQDNLVIALHSYPSHDGDLGFEKGQRLILEQSGEWWKAQSLTTQOE 108
QY 80 YNIPSVHVGVKVS-----HGWLYEGLSREKAEELLLPGNPGGAFLIREQTRRGSYSLSVR 135
Db 109 GFIPFNFVAKANSLEPEPWFKNLSRKDAERQLLAPGNTHGSLFIRESESTAGSFSLSVR 168

QY 136 LSRPASWDRIHRHYRICHLDNGWLYISPRITPSPQLQALVDHYSELADDCILCKEPCVLQR 195
Db 169 DFDQNGQEVVHXKIRNLNDGGFYISPRITPGLHVLVRYHYNASDGLCTRLSRPCQTOK 228

Query Match 25.1%; Score 340; DB 4; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

QY 26 VTMEARSKAT-----AVALGSFPAGGPAELSLRLGPEPLTIVSDGDWWTLSVSGRE 79
Db 49 VTEGSPNPASPLQDNLVIALHSYPSHDGDLGFEKGQRLILEQSGEWWKAQSLTTQOE 108
QY 80 YNIPSVHVGVKVS-----HGWLYEGLSREKAEELLLPGNPGGAFLIREQTRRGSYSLSVR 135
Db 109 GFIPFNFVAKANSLEPEPWFKNLSRKDAERQLLAPGNTHGSLFIRESESTAGSFSLSVR 168
QY 136 LSRPASWDRIHRHYRICHLDNGWLYISPRITPSPQLQALVDHYSELADDCILCKEPCVLQR 195
Db 169 DFDQNGQEVVHXKIRNLNDGGFYISPRITPGLHVLVRYHYNASDGLCTRLSRPCQTOK 228

Search completed: December 30, 2004, 18:00:13
Job time : 26 secs
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OM protein - protein search, using sw model

Run on: December 30, 2004, 17:48:14 ; Search time 532 Seconds
(without alignments)
176.483 Million cell updates/sec

Title: US-09-939-853A-75
Perfect score: 1353
Sequence: 1 MGSLSRRKSLPSPSLSSV.....RESLSFYISLNDVSLDDA 261

Scoring table: BLOSUM62

Searched: 1599051 seqs, 359272711 residues

Total number of hits satisfying chosen parameters: 1599051

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*
1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
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8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	1353	100.0	261	11	US-09-939-853A-75
2	1347	99.6	261	11	Sequence 75, Appl
3	1347	99.6	261	14	US-09-939-853A-77
4	1347	99.6	261	14	Sequence 77, Appl
5	1036	76.6	197	11	US-10-432-746A-5
6	1028	76.0	259	16	US-09-939-853A-78
7	934.5	69.1	210	16	US-10-432-746A-3
8	826	61.0	159	9	US-10-432-746A-7
9	747.5	55.2	179	11	US-09-867-550-954
10	586	43.3	113	9	US-09-939-853A-79
11	491.5	36.3	281	11	US-09-867-550-1916
12	481.5	35.6	276	9	US-09-939-853A-80
13	481.5	35.6	276	10	US-09-870-759-64
					Sequence 64, Appl
					Sequence 64, Appl

14	481.5	35.6	276	11	US-09-939-853A-81
15	481.5	35.6	276	14	US-10-043-649-3
16	481.5	35.6	276	17	US-10-428-817A-60
17	452.5	33.4	96	9	US-09-867-550-952
18	370.5	27.4	511	14	US-10-394-322A-42
19	370.5	27.4	512	9	US-09-977-269-16
20	370.5	27.4	512	9	US-09-977-260-16
21	370.5	27.4	512	10	US-09-977-261-16
22	370.5	27.4	512	14	US-10-116-275-162
23	370.5	27.4	512	16	US-10-755-889-270
24	360.5	26.6	505	9	US-09-977-269-17
25	360.5	26.6	505	10	US-09-977-260-17
26	360.5	26.6	505	10	US-09-977-261-17
27	360.5	26.6	505	15	US-10-193-720-2
28	360.5	26.6	505	16	US-10-755-889-262
29	360.5	26.6	526	14	US-10-276-633-3
30	360.5	26.6	526	14	US-10-394-322A-31
31	352.5	26.1	504	14	US-10-394-322A-4
32	352.5	26.1	505	9	US-09-771-161A-186
33	348	25.7	509	14	US-10-366-288-28
34	344.5	25.5	499	9	US-09-977-269-19
35	344.5	25.5	499	9	US-09-977-260-19
36	344.5	25.5	499	10	US-09-977-261-19
37	340	25.1	437	9	US-09-805-020-39
38	340	25.1	508	14	US-10-394-322A-41
39	340	25.1	508	17	US-10-738-156-1
40	340	25.1	509	9	US-09-977-269-18
41	340	25.1	509	9	US-09-977-260-18
42	340	25.1	509	10	US-09-977-261-18
43	340	25.1	509	14	US-10-212-346-1
44	337	24.9	567	9	US-09-805-020-40
45	322.5	23.8	454	9	US-09-771-161A-95

ALIGNMENTS

RESULT 1
US-09-939-853A-75
; Sequence 75, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 75
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-75

Query Match	100.0%	Score 1353;	DB 11;	Length 261;
Best Local Similarity	100.0%	Pred. No. 1.4e-121;		
Matches 261;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;
Qy	1	MGSLSRRKSLPSPSLSSVQQGQPVVTMEARSKATAVALGSPFAGGPAELSLRLGEPLT	60	
Db	1	MGSLSRRKSLPSPSLSSVQQGQPVVTMEARSKATAVALGSPFAGGPAELSLRLGEPLT	60	
Qy	61	IVSEGDGWTYLVSEVSGREYNIPSVHVGKVGHWLYEGLSRKAEFLLLLPNGPGAFLLI	120	

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Db 61 IVSEGDGWTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Qy 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Db 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Qy 181 DDICLLKEPCVLQAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Db 181 DDICLLKEPCVLQAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 2
US-09-939-853A-77
; Sequence 77, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 77
; TYPE: PRT
; LENGTH: 261
; ORGANISM: Homo sapiens
US-09-939-853A-77

Query Match 99.6%; Score 1347; DB 11; Length 261;
Best Local Similarity 99.6%; Pred. No. 5.2e-121;
Matches 260; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MGSLLPERRKSLPSPSSVQGGPVTMEAEERSKATAVALGSPFAGGPAELSLRLGEPLT 60
Db 1 MGSLLPERRKSLPSPSSVQGGPVTMEAEERSKATAVALGSPFAGGPAELSLRLGEPLT 60
Qy 61 IVSEGDGWTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Db 61 IVSEGDGWTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Qy 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Db 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Qy 181 DDICLLKEPCVLQAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Db 181 DDICLLKEPCVLQAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 3
US-10-043-649-2
; Sequence 2, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
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; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor ;
; FILE REFERENCE: A-70219-1/RMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260,953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-649-2

Query Match 99.6%; Score 1347; DB 14; Length 261;
Best Local Similarity 99.6%; Pred. No. 5.2e-121;
Matches 260; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MGSLLPERRKSLPSPSSVQGGPVTMEAEERSKATAVALGSPFAGGPAELSLRLGEPLT 60
Db 1 MGSLLPERRKSLPSPSSVQGGPVTMEAEERSKATAVALGSPFAGGPAELSLRLGEPLT 60
Qy 61 IVSEGDGWTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Db 61 IVSEGDGWTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Qy 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Db 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Qy 181 DDICLLKEPCVLQAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Db 181 DDICLLKEPCVLQAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 4
US-10-432-746A-5
; Sequence 5, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 5
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-432-746A-5
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Query Match 99.6%; Score 1347; DB 16; Length 261;
Best Local Similarity 99.6%; Pred. No. 5.2e-121;
Matches 260; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MGSLSRKRKSLPSPSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPLT 60
Db 1 MGSLSRKRKSLPSPSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPLT 60

Qy 61 IVSEDDGWMTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAEELLLPFGNPGGAPLI 120
Db 61 IVSEDDGWMTVLSEVSGREYNIPSVHVAKVSHGWLVEGLSREKAEELLLPFGNPGGAPLI 120

Qy 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFPSLQALVDHYSELA 180
Db 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFPSLQALVDHYSELA 180

Qy 181 DDICLLKEPCVLQAGLPCKDIPLVTVQRTPLNWKELDSSLFSEAATGEESLISEG 240
Db 181 DDICLLKEPCVLQAGLPCKDIPLVTVQRTPLNWKELDSSLFSEAATGEESLISEG 240

Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 5
US-09-939-853A-78
; Sequence 78, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 197
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-78

Query Match 76.6%; Score 1036; DB 11; Length 197;
Best Local Similarity 99.5%; Pred. No. 3e-91;
Matches 196; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 65 DGDWMTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAEELLLPFGNPGGAPLIRESQ 124
Db 1 DGDWMTVLSEVSGREYNIPSVHVAKVSHGWLVEGLSREKAEELLLPFGNPGGAPLIRESQ 60

Qy 125 TRRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFPSLQALVDHYSELAADDIC 184
Db 61 TRRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFPSLQALVDHYSELAADDIC 120

Qy 185 CLLKEPCVLQAGLPCKDIPLVTVQRTPLNWKELDSSLFSEAATGEESLISEGLRES 244
Db 121 CLLKEPCVLQAGLPCKDIPLVTVQRTPLNWKELDSSLFSEAATGEESLISEGLRES 180

Qy 245 LSFYISLNDEAVSLDDA 261
Db 181 LSFYISLNDEAVSLDDA 197

RESULT 6
US-10-432-746A-3
; Sequence 3, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-432-746A-3

Query Match 76.0%; Score 1028; DB 16; Length 259;
Best Local Similarity 79.4%; Pred. No. 2.6e-90;
Matches 208; Conservative 16; Mismatches 34; Indels 4; Gaps 3;

Qy 1 MGSLSRKRKSLPSPSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPLT 60
Db 1 MGSLSRKRKSLPSPSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPLT 59

Qy 61 IVSEDDGWMTVLSEVSGREYNIPSVHVGKSHGWLVEGLSREKAEELLLPFGNPGGAPLI 120
Db 60 IVSEDDGWMTVLSEVSGREYNIPSVHVAKVSHGWLVEGLSREKAEELLLPFGNPGGAPLI 119

Qy 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFPSLQALVDHYSELA 180
Db 120 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFPSLQALVDHYSELA 179

Qy 181 DDICLLKEPCVLQAGLPCKDIPLVTVQRTPLNWKELDSSLFSEA-ATGESLISE 239
Db 180 DGICCPUREPCVLQAGLPCKDIPLVTVQRTPLNWKELDSSLFSEAATGESLISE 239

Qy 240 GLRESLSFYISLNDEAVSLDDA 261
Db 240 GLRESLSFYISLNDEAVSLDDA 259

RESULT 7
US-10-432-746A-7
; Sequence 7, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-432-746A-7

Query Match 69.1%; Score 934.5; DB 16; Length 210;
Best Local Similarity 88.9%; Pred. No. 1.9e-81;

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Matches 184; Conservative 3; Mismatches 13; Indels 7; Gaps 1;
QY 1 MGSLLPSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEP 60
Db 1 MGSLLPSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEP 60
QY 61 IVSEGDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSRKAEKABELLLPGNPGGAFLI 120
Db 61 IVSEGDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSRKAEKABELLLPGNPGGAFLI 120
QY 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRLTFFPSLQALVDHYSE-- 178
Db 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRLTFFPSLQALVDHYSEGW 180
QY 179 -----LADDICLLKPCVQLRAGPLP 200
Db 181 PAPMQGVPTPCDAEDTTOLERAGQLP 207

RESULT 8
US-09-867-550-954
; Sequence 954, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 954
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-867-550-954

Query Match 61.0%; Score 826; DB 9; Length 159;
Best Local Similarity 99.4%; Pred. No. 3.7e-71;
Matches 158; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MGSLLPSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEP 60
Db 1 MGSLLPSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEP 60
QY 61 IVSEGDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSRKAEKABELLLPGNPGGAFLI 120
Db 61 IVSEGDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSRKAEKABELLLPGNPGGAFLI 120
QY 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRLTFFPSLQALVDHYSE 159
Db 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRLTFFPSLQALVDHYSE 159

RESULT 9
US-09-939-853A-79
; Sequence 79, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
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; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 79
; LENGTH: 179
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-939-853A-79

Query Match 55.2%; Score 747.5; DB 11; Length 179;
Best Local Similarity 81.8%; Pred. No. 1.5e-63;
Matches 148; Conservative 11; Mismatches 19; Indels 3; Gaps 2;
QY 82 IPSVHVGVKSHGWLVEGLSRKAEKABELLLPGNPGGAFLIRESQTRRGYSLSVLSRSPAS 141
Db 1 MESVVVAKVAGHWLYEGLSRKAEKABELLLPGNPGGAFLIRESQTRRGYSLSVLSRSPAS 60
QY 142 WDRIRHYRIHCLDNGWLYISPRLTFFPSLQALVDHYSELADDICLLKPCVQLRAGPLPG 201
Db 61 WDRIRHYRIHCLDNGWLYISPRLTFFPSLQALVDHYSELADGICCPREPCVQLRAGPLPG 120
QY 202 KDIPLPVTQRTPLNWKELDSLLFSEA-ATGEESLSLSEGLRESLSFYISLNDENVSLDD 260
Db 121 KDTPPPTVPTSSLNWKKLDRSLFLFLEAPASGEASLLSEGLRESLSFYISLAED--PLDD 178
QY 261 A 261
Db 179 A 179

RESULT 10
US-09-867-550-1916
; Sequence 1916, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1916
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)
; OTHER INFORMATION: Wherein Xaa may be any one of Arg or Gly or Trp
US-09-867-550-1916

Query Match 43.3%; Score 586; DB 9; Length 113;
Best Local Similarity 100.0%; Pred. No. 2.9e-48;
Matches 112; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 150 IHCLDNGWLYISPRLTFFPSLQALVDHYSELADDICLLKPCVQLRAGPLPGKDIP 209
Db 2 IHCLDNGWLYISPRLTFFPSLQALVDHYSELADDICLLKPCVQLRAGPLPGKDIP 61
QY 210 VQRTPLNWKELDSLLFSEAATGEESLSLSEGLRESLSFYISLNDENVSLDDA 261
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[illegible][illegible][illegible]

US-09-939-853A-81
; Sequence 81, Application US/0999853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-81

Query Match 35.6%; Score 481.5; DB 11; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

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Db	6	KSTPAPA-----ERLPNPEGLSDFLAVLSDYSPDISPPIFRGEKLRVISDEGGW	58
QY	69	WTVLSEVSGREYNIPSHVGVKSHGWLVEGLSREKAEELLLPGNPGGAFLIRESQTRRG	128
Db	59	WKAISLSTGRESYIPGICVARVYHGWLFEGIGRDKAEELLQLPDTKVGSPMIRESETKKG	118
QY	129	SYLSVRLSRPASWDRIHRIHCLDNGWLISPRLTFFPSLQALVDHYSELADDDICCLLK	188
Db	119	FYLSLVR-----HRQVKHYRIFRLPNNWYISPRLTFFQCLLDLVNHYSEVADGLCCVLT	172
QY	189	EPCVLQAGPLPGKDIPVTQVTPNWKELDSSLFSEAATG-----EESLJSEGL	241
Db	173	TPCLTQSTAAPAVRASSSPVTLRQKTVDRVR--LQEDPEGTENPLGVDESLSFYGL	229
QY	242	RESLSFYISLND 254	
Db	230	RESIASYLSLTSE 242	

Search completed: December 30, 2004, 18:13:20
Job time : 540 secs

US-09-939-853A-81
; Sequence 81, Application US/0999853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-81

Query Match 35.6%; Score 481.5; DB 11; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

QY	9	KSLPSPSLSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGELPTIVSEGDGW	68
Db	6	KSTPAPA-----ERLPNPEGLSDFLAVLSDYSPDISPPIFRGEKLRVISDEGGW	58
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Db	59	WKAISLSTGRESYIPGICVARVYHGWLFEGIGRDKAEELLQLPDTKVGSPMIRESETKKG	118
QY	129	SYLSVRLSRPASWDRIHRIHCLDNGWLISPRLTFFPSLQALVDHYSELADDDICCLLK	188
Db	119	FYLSLVR-----HRQVKHYRIFRLPNNWYISPRLTFFQCLLDLVNHYSEVADGLCCVLT	172
QY	189	EPCVLQAGPLPGKDIPVTQVTPNWKELDSSLFSEAATG-----EESLJSEGL	241
Db	173	TPCLTQSTAAPAVRASSSPVTLRQKTVDRVR--LQEDPEGTENPLGVDESLSFYGL	229
QY	242	RESLSFYISLND 254	
Db	230	RESIASYLSLTSE 242	

RESULT 15
US-10-043-649-3
; Sequence 3, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; TITLE OF INVENTION: Retroviral-based Functional Screen
; FILE REFERENCE: A-70219-1/RMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10

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Run on: December 30, 2004, 18:00:09 ; Search time 102 Seconds
(without alignments)
1818.783 Million cell updates/sec

Title: US-09-939-853A-75
Perfect score: 1353
Sequence: 1 MGSLPRRKSLPSPSLSSV.....RESLSFYISLNDEAVSLDDA 261

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

- 1: Issued Patents NA:*
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- 2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
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- 5: /cgn2_6/ptodata/1/ina/PTCUS.COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	370.5	27.4	2298	4	US-09-023-655-1158
2	360.5	26.6	2015	4	Sequence 1158, Ap
3	340	25.1	2129	4	Sequence 1105, Ap
4	323	23.9	2435	4	Sequence 1452, Ap
5	320	23.7	2647	4	Sequence 1313, Ap
6	320	23.7	2647	5	Sequence 77, Appl
7	315.5	23.3	4517	5	Sequence 7, Appl
8	315.5	23.3	4517	5	Sequence 83, Appl
9	313.5	23.2	1491	3	Sequence 1, Appl
10	313.5	23.2	1491	3	Sequence 1, Appl
11	312.5	23.1	2354	4	Sequence 1080, Ap
12	310.5	22.9	3258	4	Sequence 24, Appl

13	289	21.4	1759	4	US-09-470-881-2	Sequence 2, Appli
14	287	21.2	1602	1	US-07-820-011A-1	Sequence 1, Appli
15	287	21.2	1602	5	PCT-US93-00445-1	Sequence 1, Appli
16	276.5	20.4	1611	1	US-07-820-011A-3	Sequence 3, Appli
17	276.5	20.4	1611	4	US-09-860-473-3	Sequence 3, Appli
18	276.5	20.4	1611	4	US-09-444-711A-1	Sequence 1, Appli
19	276.5	20.4	1611	4	US-09-444-711A-3	Sequence 3, Appli
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21	273	20.2	1626	4	US-09-860-473-10	Sequence 10, Appl
22	262	19.4	675	1	US-08-707-793A-3	Sequence 3, Appli
23	262	19.4	675	1	US-08-707-792A-3	Sequence 3, Appli
24	257	19.0	1458	4	US-09-270-767-12694	Sequence 12694, A
25	243.5	18.0	2827	4	US-08-492-723-1	Sequence 1, Appli
26	240.5	17.8	2770	3	US-08-426-509A-5	Sequence 5, Appli
27	240.5	17.8	2770	4	US-08-232-545-5	Sequence 5, Appli
28	240.5	17.8	2770	5	PCT-US95-05008-5	Sequence 5, Appli
29	240.5	17.8	2863	4	US-09-023-655-1389	Sequence 1389, Ap
30	240.5	17.8	7607	1	US-08-222-616-19	Sequence 19, Appl
31	240.5	17.8	7607	3	US-08-446-648-19	Sequence 19, Appl
32	240.5	17.8	7607	4	US-09-982-610-19	Sequence 19, Appl
33	240.5	17.8	7607	5	PCT-US95-04228-19	Sequence 19, Appl
34	238	17.6	282	2	US-09-006-675-5	Sequence 5, Appli
35	238	17.6	282	3	US-09-228-603A-5	Sequence 5, Appli
36	230	17.0	1467	4	US-09-579-182-2	Sequence 2, Appli
37	230	17.0	1548	3	US-09-099-053-1	Sequence 1, Appli
38	202	14.9	1661	2	US-08-815-176-2	Sequence 2, Appli
39	202	14.9	1661	4	US-09-197-344-2	Sequence 2, Appli
40	193.5	14.3	2187	4	US-09-023-655-1267	Sequence 1267, Ap
41	193.5	14.3	2187	4	US-09-470-881-4	Sequence 4, Appli
42	190.5	14.1	3623	1	US-08-306-691B-35	Sequence 35, Appl
43	182	13.5	1804	1	US-08-306-691B-40	Sequence 40, Appl
44	182	13.5	1804	3	US-09-167-322-14	Sequence 14, Appl
45	182	13.5	1804	5	PCT-US93-06251-82	Sequence 82, Appl

ALIGNMENTS

RESULT 1

US-09-023-655-1158
; Sequence 1158, Application US/09023655
; Patent No. 6607879

GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:

QY 108 LeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLeuArgGluSerGlnThrArg 127
Db 577 CTGCTGGCTCCGGCAACATGCTGGGCTCTTCAATGATCCGGATAGCAGACACTAA 636
QY 128 GlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArgHis 147
Db 637 GGAAGCTACTCTTGTCTGGAGACTACGACCTCGGCGGGAGATACCGTGAACAT 696
QY 148 TyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPhePro 167
Db 697 TACAAGATCCGGACCTCGACACCGGGGCTTCTACATATCCCCCGAAGCACCTTCAGC 756
QY 168 SerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysLeuLeu 187
Db 757 ACTTGCAGGAGCTGTGGACCACTACAAGAGGGGAACGACGGGCTCTGCCAGAACTG 816
QY 188 LysGluProCysVal 192
Db 817 TCGGTGCCCTGCATG 831

RESULT 3

US-09-016-434-1452
; Sequence 1452, Application US/09016434
; Patent No. 6500938

GENERAL INFORMATION:

APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/016.434

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0002 US

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 1452:

SEQUENCE CHARACTERISTICS:

LENGTH: 2129 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GENBANK

CLONE: 9775207

US-09-016-434-1452

Alignment Scores:

Pred. No.: 1,2e-27 Length: 2129
Score: 340.00 Matches: 73
Percent Similarity: 55.00% Conservative: 26
Best Local Similarity: 40.56% Mismatches: 71

Query Match: 25.13% Indels: 10

DB: 4 Gaps: 2

US-09-939-853A-75 (1-261) x US-09-016-434-1452 (1-2129)

QY 26 ValThrMetGluAlaGluArgSerLysAlaThr-----AlaValAla 39
Db 204 GTTACCTACGAAAGCTCCAATCCCGCGCTTCCCACTGCAAGACAACCTGGTTATCGCT 263
QY 40 LeuGlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeu 59
Db 264 CTGCACAGCTATAGCCCTCTCAGACCGAGATCTGGCTTTGAGAAAGGGGACAGCTC 323
QY 60 ThrIleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGlu 79
Db 324 CGCATCTCGAGCAGACGCGGAGTGGTGGAAAGCGCAGTCCCTCACCACGGGCCAGGAA 383
QY 80 TyrAsnIleProSerValHisValGlyLysValSer-----HisGlyTrpLeu 95
Db 384 GGCTTCATCCCTTCAATTTTGTGCCCAACGACACAGCCTGGAGCCCGAACCTGGTTC 443
QY 96 TyrGluGlyLeuSerArgGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGly 115
Db 444 TTCAGAACCTGACCGCCGACGAGACCGGAGCGGAGCTCTGGCGCCCGGAACTCAGC 503
QY 116 GlyAlaPheLeuIleArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArg 135
Db 504 GGCTCCTTCTCATCCGGAGAGCGAGACCGCGGATCGTTTCACTGCGTCCGG 563
QY 136 LeuSerArgProAlaSerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspHis 155
Db 564 GACTTCGACCAGAACCGAGGAGAGTGGTGAACATTTACAAGATCCCGTAATCTGGACAAC 623
QY 156 GlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHis 175
Db 624 GGTGGCTTCTACATCTCCCTCGAATCCTTTTCCGGCCTGCATGAATCGTCCGCCAT 683
QY 176 TyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGluProCysValLeuGlnArg 195
Db 684 TACACCAATGCTTCAGATGGCTGTCACACGCTTGAGCCGCCCTGCCAGACCAGAAAG 743

RESULT 4

US-09-023-655-1313
; Sequence 1313, Application US/09023655
; Patent No. 6607879

GENERAL INFORMATION:

APPLICANT: Cocks, Benjamin G.

APPLICANT: Susan G. Stuart

APPLICANT: Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 1508

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/023.655

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

```

; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1313:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2435 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: G338227
; US-09-023-655-1313

Alignment Scores:
Pred. No.: 1.16e-25 Length: 2435
Score: 323.00 Matches: 81
Percent Similarity: 51.74% Conservative: 23
Best Local Similarity: 40.30% Mismatches: 76
Query Match: 23.87% Indels: 22
DB: 4 Gaps: 3

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Db 507 CCATCCCACTTACACACTTCCACGCGCGGGGCCAAGGACTCACCGCTTTGGAG 566
QY 23 -----GlnGlyProValThrMetGluAlaGluArgSerLysAla 35
Db 567 GTGTGAACCTCTCGTCTCATACGGGACCTTGCCTACGAGGAGGAGAACAGAGTG-ACA 625
QY 36 ThrAlaValAlaLeuGlySerPheProAlaGlyGlyProAlaGluLeuSerLeu 55
Db 626 CTCTTTGGGCTTTATGACTATGACGACGAGGAGGAGGAGGAGGAGGAGTTTTCACAA 685
QY 56 GlyGluProLeuThrIleVal---SerGluAspGlyAspTrpTrpThrValLeuSerGlu 74
Db 686 CGAGAAAAATTTCAAATATTGAACAGCTCGGAAGGAGATTGGTGGGAAGCCCGCTCTTG 745
QY 75 ValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 746 ACAACTGGAGAGACAGGTTTACATTCACGCAATTATGTGGCTCCAGTGTCTCTCCAG 805
QY 91 SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeuLeu 110
Db 806 GCAGAGAGTGTACTTTGGAAAACTTGGCCGAAAAGATGCTGAGCGACAGCTATTGTCC 865
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Db 866 TTTGAAACCCCAAGAGTACCTTTCTTATCCGCGAGAGTGAACACCAAGGGGTCCTAT 925
QY 131 SerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArgHisTyrArgIle 150
Db 926 TCACCTTCTATCCGTAATTGGGATGATGAAGAGAGACCATGTCAACATTATAAAT 985
QY 151 HisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeuGln 170
Db 986 CGCAAACTTGACAAATGGTGATACATACATCCCGGGCCAGTTTGAACACACTTCAG 1045
QY 171 AlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGluPro 190
Db 1046 CAGCTTGTACAACTTACTCAGAGAGAGCTGCAGGTCTCTGCTGCGCTAGTAGTCCC 1105
QY 191 Cys 191
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Db 716 CCATCCCACTTACACACTTCCACGCGCGGGGCCAAGGACTCACCGCTTTGGAG 775
QY 23 -----GlnGlyProValThrMetGluAlaGluArgSerLysAla 35
Db 776 GTGTGAACCTCTCGTCTCATACGGGACCTTGCCTACGAGGAGGAGGAGGAGTG-ACA 834
QY 36 ThrAlaValAlaLeuGlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeu 55
Db 835 CTCTTTGGGCTTTATGACTATGAAAGCAGCGAGGAGGAGGAGGAGGAGTTTTCACAAA 894
QY 56 GlyGluProLeuThrIleVal---SerGluAspGlyAspTrpTrpThrValLeuSerGlu 74
Db 895 CGAGAAAAATTTCAAATATTGAACAGCTCGGAAGGAGATTGGTGGGAAGCCCGCTCTTG 954
QY 75 ValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 955 ACAACTGGAGAGACAGGTTTACATTCACGCAATTATGTGGCTCCAGTGTCTATCCAG 1014
QY 91 SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeuLeu 110
Db 1015 GCAGAGAGTGTACTTTGGAAAACTTGGCCGAAAAGATGCTGAGCGACAGCTATTGTCC 1074
QY 111 ProGlyAsnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGlySerTyr 130
Db 1075 TTTGAAACCCCAAGAGTACCTTTCTTATCCGCGAGAGTGAACACCAAGGGGTCCTAT 1134
QY 131 SerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArgHisTyrArgIle 150
Db 1135 TCACCTTCTATCCGTAATTGGGATGATGAAGAGAGACCATGTCAACATTATAAAT 1194
QY 151 HisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeuGln 170
Db 1195 CGCAAACTTGACAAATGGTGATACATACATCCCGGGCCAGTTTGAACACACTTCAG 1254
QY 171 AlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGluPro 190
Db 1255 CAGCTTGTACAACTTACTCAGAGAGAGCTGCAGGTCTCTGCTGCGCTAGTAGTCCC 1314
QY 191 Cys 191
Db 1106 TGT 1108

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US-09-220-132-77

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Db 424 GGTGCATCTTCTCAATTTTCAGTGGTCCCAAGTTTCATATCTCTGCTGTTTAAACAGGTGGT 483
Qy 47 -----GlyProAlaGluLeuSerLeu 53
Db 484 GTTACTATATTTGGCCCTTATATGATATGAAGCTAGAACTACAGAAGACCTTTTCATTT 543
Qy 54 ArgLeuGlyGluProLeuThrIleValSerGlu---AspGlyAspTrpTrpThrValLeu 72
Db 544 AAGAGGGTGAAGATTTCAATAATTAACAATACGAAGAGATTTGGTGGGAAGCAAGA 603
Qy 73 SerGluValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 604 TCAATCCTACAGGAAGATGGTATATCCGAGCAATATGTAGCGCTGCAGATTCC 663
Qy 91 -----SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeu 108
Db 664 ATTCAGGCAGCAAGATGGTATTTTGGCAAAATGGGAGAAAGATGCTGAAAGATTACTT 723
Qy 109 LeuLeuProGlyAnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGly 128
Db 724 TTGAATCCTGGAATCAACAGAGGTATTTTCTTAGTAGAGAGAGTGAACAACATAAGGT 783
Qy 129 SerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArg----- 146
Db 784 GCTTATTCCTTTCTATTCTG-----GATTGGATGAGATAAGGGGTGAC 828
Qy 147 -----HistyArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArg 163
Db 829 AATGTGAACACTACAAAATTAGCAAACTTGCACAAATGGTGGATACATATACAAACCA 888
Qy 164 LeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIle 183
Db 889 GCACAAATTTGATCTCTGCAGAAATTTGGTGAACACTACACAGACATGCTGATGGTTTA 948
Qy 184 CysCysLeuLeuLysGluProCys-----ValLeuGln 194
Db 949 TGCCACAAGTTGACAACTGTGTGTCACAACTGTGAACCTCAGACTCAAGCTTAGCAAAA 1008
Qy 195 ArgAlaGlyProLeuProGlyLysAspIleProLeuProValThrValGlnArg----- 212
Db 1009 GATGCTTTGGGAATCCCTCGAGAACTTTGCGACTAGAGGTTAACTAGGACCAAGGATGT 1068
Qy 213 -----ThrProLeuAsnTrpLysGluLeu 220
Db 1069 TTCGGGAGTGTGATGGGAACATGGATGGAACACAGCAAGTAGCAATCAAACTA 1128
Qy 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuSerGluGly 240
Db 1129 AAACAGGTACAATGATGCCAGAGCTTTCCTTCAAGAAGCTCAGATAATGAAAAATTA 1188
Qy 241 LeuArgGluSerLeu---SerPheTyrIleSerLeuAsnAspGluAlaVal 256
Db 1189 AGACATGATAAATCTGTTCCACTATATCTGCTGTTTCTGGAAGAACCAAT 1239

RESULT 8
PCT-US93-06251-83

Sequence 83, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 4517 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-83

Alignment Scores:
Pred. No.: 2,11e-24 Length: 4517
Score: 315.50 Matches: 92
Percent Similarity: 43.22% Conservative: 45
Best Local Similarity: 29.02% Mismatches: 113
Query Match: 23.32% Indels: 67
DB: 5 Gaps: 9

US-09-939-853A-75 (1-261) x PCT-US93-06251-83 (1-4517)

Qy 2 GlySerLeuSerArgArgLysSerLeuProSerProSerLeuSerSerVal--- 20
Db 304 GGAGCAGAACCCACTACATGTCACCATCTCGTCTATCTTCACGAAGGAACAGCAGTT 363
Qy 21 -----GlnGlyGlnGlyProValThrMetGluAla 30
Db 364 AATTTCCAGCAGTCTTTCCATGACACCATTTGGAGGATCTCAGGGGTAAACGCCCTTTTGA 423
Qy 31 GluArgSerLysAlaThrAlaValAlaLeuGlySerPheProAlaGly----- 46
Db 424 GGTGCATCTCTCTTCATTTTCAGTGGTGGCAAGTTTCATATCTCTGCTGTTTAAACAGTGGT 483
Qy 47 -----GlyProAlaGluLeuSerLeu 53
Db 484 GTTACTATATTTGGCCCTTATATGATATGAAGCTAGAACTACAGAAGACCTTTTCATTT 543
Qy 54 ArgLeuGlyGluProLeuThrIleValSerGlu---AspGlyAspTrpTrpThrValLeu 72
Db 544 AAGAGGGTGAAGATTTCAATAATTAACAATACGAAGAGATTTGGTGGGAAGCAAGA 603
Qy 73 SerGluValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 604 TCAATCCTACAGGAAGATGGTATATCCGAGCAATATGTAGCGCTGCAGATTCC 663
Qy 91 -----SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeu 108
Db 664 ATTCAGGCAGCAAGATGGTATTTTGGCAAAATGGGAGAAAGATGCTGAAAGATTACTT 723
Qy 109 LeuLeuProGlyAnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGly 128
Db 724 TTGAATCCTGGAATCAACAGAGGTATTTTCTTAGTAGAGAGAGTGAACAACATAAGGT 783
Qy 129 SerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArg----- 146
Db 784 GCTTATTCCTTTCTATTCTG-----GATTGGATGAGATAAGGGGTGAC 828
Qy 147 -----HistyArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArg 163
Db 829 AATGTGAACACTACAAAATTAGCAAACTTGCACAAATGGTGGATACATATACAAACCA 888
Qy 164 LeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIle 183

Db 889 GCACAAATTTGATCTCTGCGAAATTTGGTGAACACTACACAGAACATGCTGATGTTTA 948
Qy 184 CysCysLeuLeuLysGluProCys-----ValLeuGln 194
Db 949 TGCCACAGTTGACAACTGTGTGTCCTCAACTGTGAACCTCAGACTCAAGGTCTAGCAAAA 1008
Qy 195 ArgAlaGlyProLeuProGlyLysAspLeuProLeuProValThrValGlnArg----- 212
Db 1009 GATGCTTGGGAATCCCTCGAAGATCTTTGCGACTAGAGGTTAAACTAGGACAAGGATGT 1068
Qy 213 -----ThrProLeuAsnTrpLysGluLeu 220
Db 1069 TTCGCGAAGTGTGATGGGAACATGGAAATGGAAACAGCAAGTAGCAATCAAAAACACTA 1128
Qy 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuLeuSerGluGly 240
Db 1129 AAACAGGTACANTGATGCCAGAACTTTCCTTCAGAAAGCTCAGATATGAAAAAATA 1188
Qy 241 LeuArgGluSerLeu---SerPheTyrIleSerLeuAsnAspGluAlaVal 256
Db 1189 AGACATGATAAACTTGTTCCTCACTATATGCTGTGTGTTCTTGAAGAACCAATT 1239

RESULT 9

US-09-006-675-1
; Sequence 1, Application US/09006675
; Patent No. 5952213
; GENERAL INFORMATION:
; APPLICANT: Hemmati-Briuanlou, Ali
; APPLICANT: Weinstein, Daniel C.
; TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
; TITLE OF INVENTION: USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/006,675
; FILING DATE: 13-JAN-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-217
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1491 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1491
US-09-006-675-1
Alignment Scores:
Pred. No.: 6,04e-25 Length: 1491
Score: 313.50 Matches: 78

Percent Similarity: 52.34% Conservative: 34
Best Local Similarity: 36.45% Mismatches: 75
Query Match: 23.17% Indels: 27
DB: 2 Gaps: 6
US-09-939-853A-75 (1-261) x US-09-006-675-1 (1-1491)
Qy 1 MetGlySerLeuProSerArg-----ArgLysSerLeuProSerProSer 15
Db 1 ATGGCTGCATCAAGTCAAGGATTCAAATACGACTGCGCAAAAGTCTGGACCTCCGAA 60
Qy 16 LeuSerSerValGlnGlyGlnGlyPro-----ValThrMet-----GluAlaGlu 31
Db 61 AGCACCCCAACCCATTTATGTGAAGAGCCCAACATCTACAGTAACATGATCAAACTGAA 120
Qy 32 ArgSer-----LysAlaThrAlaValAlaLeuGly 41
Db 121 AGATCATCTAAGCACCCAGAGAGAGAGGCAAGAGAGTGGTCTGCTGGCTTTGTAT 180
Qy 42 SerPheProAlaGlyGlyProAlaGluLeuSerLeuArgGluGlyGluProLeuThrIle 61
Db 181 GACTATGATGAGTCCACCTGGGATCTGACTTTTAGGAAAGGGGACCATCTCTGCTA 240
Qy 62 ValSerGluAspGlyAspTyrThrValLeuSerGluValSerGlyArgGluTyrAsn 81
Db 241 AAGAAAGAGTCAGGGGAGTGTGTGAAGCATGTCTAATTTCCACTGGTGAAGAGGCTTT 300
Qy 82 IleProSerValHisValGlyLysVal-----SerHisGlyTyrLeuTyrGlu 97
Db 301 GTTCCAGTAACATGTAGCGTATTTCATTCCTCCGGAATCTGAAGAGTGGTACTTTAAA 360
Qy 98 GlyLeuSerArgGlyLysAlaGluLeuLeuLeuProGlyAsnProGlyGlyAla 117
Db 361 GGCATGAGCGGAGAGAGCTGAAAGGCGAGCTGCTATCTCTGTTAATAAAGTGGGCT 420
Qy 118 PheLeuIleArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSer 137
Db 421 TTCATGATCCGAGACAGTGAACCAATGAAGAGTGTGTTCTCCCTCTCTGTGCGA----- 474
Qy 138 ArgProAlaSerTyrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrp 157
Db 475 -----GACTCAGGGGACACTGTGAACATTACAAAATTCGCACACTCGATGATGAGGT 528
Qy 158 LeuTyrIleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSer 177
Db 529 TTCTTCATTTCTACAGGATCCCTTTCTCTTTTCCAGAGCTGTGACGCATTATCAA 588
Qy 178 GluLeuAlaAspAspIleCysCysLeuLeuLysGluProCys 191
Db 589 GGTAAGTGGATGGCTGTGTGTCAGTGCCTTACAAATACCATGC 630

RESULT 10

US-09-228-603A-1
; Sequence 1, Application US/09228603A
; Patent No. 6291651
; GENERAL INFORMATION:
; APPLICANT: Hemmati-Briuanlou, Ali
; APPLICANT: Weinstein, Daniel C.
; TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
; TITLE OF INVENTION: USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/228,603A
; FILING DATE: 12-JAN-1999
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-217 N
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1491 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1491
;
US-09-228-603A-1
Alignment Scores:
Pred. No.: 6,04e-25 Length: 1491
Score: 313.50 Matches: 78
Percent Similarity: 52.34% Conservative: 34
Best Local Similarity: 36.45% Mismatches: 75
Query Match: 23.17% Indels: 27
DB: 3 Gaps: 6

US-09-939-853A-75 (1-261) x US-09-228-603A-1 (1-1491)
QY 1 MetGlySerLeuProSerArg-----ArgLysSerLeuProSerProSer 15
DB 1 ATGGGCTGCATCAAGTCAGATCAAGATTCAGAGTGCAGAAAGCTGCGGACCTCCGAA 60
QY 16 LeuSerSerValGlnGlnGlyPro-----ValThrMet-----GluAlaGlu 31
DB 61 AGCACCCAAACCCATTATGTGAGGAGCCCACTACAGTAACTATGACTAAACCTGAA 120
QY 32 ArgSer-----LysAlaThrAlaValAlaLeuGly 41
DB 121 AGATCATCTAGACCCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
QY 42 SerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIle 61
DB 181 GACTATGATGAGTCCACCTCGGGATCTGACTTTTAGGAAAGGGAGGACCATCTCTGCTA 240
QY 62 ValSerGluAspGlyAspTrpTrpValLeuSerGluValSerGlyArgGluTyrAsn 81
DB 241 AAGAAAGAGTCAGGGAGTGTGGGAGCTGTCTAATTTCCACTGGTGAAGAGGCTTT 300
QY 82 IleProSerValHisValGlyLysVal-----SerHisGlyTyrLeuTyrGlu 97
DB 301 GTTCCAGTAAGTATGATGAGCGTATTTCAATCCCTGGGAACTGAGAGTGGTATTAAA 360
QY 98 GlyLeuSerArgGluLysAlaGluLeuLeuLeuLeuLeuProGlyAsnProGlyGlyAla 117
DB 361 GGCATGAGCCGGAAGGAAGCTGAAAGGAGGAGTCTCTCTCTGTTAATAAAGTGGGCT 420
QY 118 PheLeuIleArgGluSerGlnThrArgGlySerTyrSerLeuSerValArgLeuSer 137
DB 421 TTCATGATCCGAGACAGTGAACAATGAAGGTTGTTCTCCCTCTCTGTGCGA----- 474
QY 138 ArgProAlaSerTyrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrp 157
DB 475 -----GACTCAGGGGACACTGTGAACATTTACAAATTCGCACACTCGATGATGGAGT 528
QY 158 LeuTyrIleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSer 177
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Qy	38	-----ValalaleuGlySerPheProAlaGlyProAlaGlu	50
Dd	373	GGGATGGGGTGACCGTGTTCATTGCCCTGTATGACTAGGCTCGAACTCAGGATGAC	432
Qy	51	LeuSerLeuArgLeuGlyGlnProLeuthrIleValSerGlu--AspGlyAspTrpTrp	69
Dd	433	CTCACCTTCACCAAGGGCGAGAGTTCCACATCTCTGAACAATACTGAAGGTGACTGGTGG	492
Qy	70	ThrValLeuSerGluValSerGlyArgGluTyraSnnlleProSerValHisValGlyLys	89
Dd	493	GAGGCTCGGTCTCTCAGCTCCGAAAAAAGCTGCATTCATCCAGCAACTACGTGGCCCC	552
Qy	90	Val-----SerHisGlyTrpLeutyrgluGlyLeuSerArgGluLysAlaGlu	105
Dd	553	GTTGACTCAATCCAAGCTGAAGAGTGGTACTTTGGAAAAGATTTGGGAGAAAGGATGCAGAG	612
Qy	106	GluLeuLeuLeuLeuProGlyYasnProGlyGlyAlaPheLeulleArgGluSerGlnThr	125
Dd	613	AGGCAGCTGCCTTTCACCAGGCAACCCCAGGGGGGCTTTCTCATTCGGGAAAGCCAGAC	672
Qy	126	ArgArgGlySerTyrsrLeuSerValArgLeuSerArgProAlaserTrpAspargile	145
Dd	673	ACCAAAGTGCCTACTCCCTGTCCATCCGGAGCTGGGATCAGACCAGAGGCCATCATGTG	732
Qy	146	ArghisTyraRgilleHisCysLeuAspsnGlyTrpLeutyriIleSerProArgLeuthr	165
Dd	733	AAGCATTACAGATCCGCAAACTGGACATGGCGGCTACTATACCCACCGGTTTCAG	792
Qy	166	PheProSerLeuGlnAlaLeuValAsphistyrSerGluLeuAlaAspaspileCysCys	185
Dd	793	TTCAACTCGGTGCAGGAGCTGGTGAGCACTACATGGAGGTGAATGACGGGCTGTGCAAC	852
Qy	186	LeuLeuLysGluProCysValLeuGlnarg	195
Dd	853	CTGTCTCATCGCGCCCTCGACCATCATGAAG	882

RESULT 12

```

US-09-741-238-24
; Sequence 24, Application US/09741238
; Patent No. 6706867
; GENERAL INFORMATION:
; APPLICANT: Lorenz, Matthias
; TITLE OF INVENTION: DNA Array Sequence Selection
; Patent No. 6706867
; FILE REFERENCE: NIH-05076
; CURRENT APPLICATION NUMBER: US/09/741,238
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 3258
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-741-238-24

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Alignment Scores:	4.51e-24	Length:	3258
Pred. No.:	Score:	Matches:	83
	310.50	Conservative:	24
Percent Similarity:	48.64%	Mismatches:	87
Best Local Similarity:	37.73%	Indels:	26
Query Match:	22.95%	Gaps:	5
DB:	4		

US-09-939-853A-75 (1-261) x US-09-741-238-24 (1-3258)

Qy	3	SerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGly	22
Db	337	GCACATACCCACAGCTTGGCGTGACCTC---CATCCCGAACTACAACTTCCACGCAGC	393
Qy	23	GlnGlyPro-----Val	26
Db	394	TGGGGCCACAGGACTCACCGTCTTTGGGGGTGAACTCTCTCTCACATGGGACCCT	453

QY	27	ThrMetGluAlaGluArgSerLysAlaThrAla-ValAlaLeuGlySerPheProAlaGI	46
DB	454	ACGCACGACGAGGAGGACAGAGTGCACACTGTTTCTGGCGCTTATGACTATGAAGCACG	513
QY	46	yGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleVal---SerGluAAs	65
DB	514	GACGGAAGATGACCTGAGTTTTCAAAGAGGAGAAAAATTTCAAATATTGAAACAGCTCGGA	573
QY	65	pGlyAspTirpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSerVa	85
DB	574	AGGAGATTGGTGGGAGCCCGCTCTCTGCACACCCGGGGAACTGGTTACATTCCCGACAA	633
QY	85	lHisValGlyLysVal-----SerHisGlyTrpLeuTyrGluGlyLeuSerAr	101
DB	634	TTACGTGGCTCCAGTTGACTCCATCCAGCAGAAAGAGTGGTACTTTGGAAAACTTTGGCCG	693
QY	101	gGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIleAr	121
DB	694	CAAAAGATGCTGAGAGACAGCTCCTGTCTCTTTGGAAACCCACAGAGGTACCTTTCTTATCCG	753
QY	121	gGluSerClnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSe	141
DB	754	CGAGAGCCAAACCAACCAAGGTGCTACTCTCACTTTCCATCCGTGATGGGATGATATGAA	813
QY	141	rTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTirpLeuTyrIleSe	161
DB	814	AGGGGACCACTCAACATTATATAATCCGCAAGCTTGACAAATGGTGGATACTATATCAC	873
QY	161	rProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAs	181
DB	874	AACGCGGGCCCGAGTTTGAACACATCTCAGCAACTGGTACAGCATTTACTCAGAGAAAGCTCA	933
QY	181	pAspIleCys-----CysLeuLeuLysGluProCysValLeuGlnArgAlaGly	197
DB	934	TGGTTTGTGTTTAACTTAACTGATGTTTCTCAAGTTGTACCCACAAACTTCTCGGA	991

RESULT 13

```

RES004.13
US-09-470-881-2
; Sequence 2, Application US/09470881
; Patent No. 6685938
; GENERAL INFORMATION: David A.
; APPLICANT: CHERESH,
; APPLICANT: ELICIRI, Brian
; TITLE OF INVENTION: METHODS AND C
; TITLE OF INVENTION: ANGIOGENESIS
; TITLE OF INVENTION: YES TYROSINE
; FILE REFERENCE: TSRI 651-2
; CURRENT APPLICATION NUMBER: US/09/
; CURRENT FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCI/US9
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/087,
; PRIOR FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patent In Ver. 2.0

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Alignment Scores:	4.18e-22	Length:	1759
Pred. No.:	Score:	Matches:	86
		Conservative:	47
Percent Similarity:	47.3%	Mismatches:	104
Best Local Similarity:	30.6%	Indels:	45
Query Match:	21.3%		


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QY 65 ---AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIlePro 83
Db 340 ACGGAAGGTGACTGGTGGCTCATTCCTCACTACAGACAGCGGGCTACATCCCC 399
QY 84 SerValHisValGlyLys-----ValSerHisGlyTrpLeuTyrGluGlyLeu 99
Db 400 AGTAACATATGTCGGCCCTCAGACTCCATCCAGGCTGAAGAGTGGTACTTTGGGAAGATC 459
QY 100 SerArgGluLysAlaGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeu 119
Db 460 ACTGTCGGGAGTCCGAGCGGCTGCTCTCAACCCCGAAACCCCGGGGAACCTTCTTG 519
QY 120 IleArgGluSerGlnThrArgGlySerTyrSerLeuSerValArgLeuSerArgPro 139
Db 520 GTCCGGGAGGAGGAGACCAAAAGTGCTATTGCTCTCGCTTCTGACTTTGACAAC 579
QY 140 AlaSerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyr 159
Db 580 GCCAAGGGGCTCAATGTGAAGCACTACAAAGTCCGCAAGCTGGACAGCGGGCTTCTAC 639
QY 160 IleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeu 179
Db 640 ATCACTCAGGCACACAGTTTACGACGCTGCGAGCAGCTGGTGGCTTACTTCCAAACAT 699
QY 180 AlaAspIleCysLeuLeuLysGluProCys----- 191
Db 700 GCTGATGGCTTGTGCCACCGCTGACCAACAGTCTGCCACAGTCCCAAGCCCGAGCCAG 759
QY 192 ---ValLeuGlnArgAlaGlyProLeuProGlyLysAspIleProLeuProValThrVal 210
Db 760 GGACTCGCCAGGAGCGCTGGGAATCCCGCGGAGTGCCTGCGGCTGGAGGTGAAGCTG 819
QY 211 GlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224
Db 820 GGGCAGGGCTG-CTT---TGGAGAGGTCTGGATGGGGAGCTG 857

RESULT 15
PCT-US93-00445-1
; Sequence 1, Application PC/TUS9300445
; GENERAL INFORMATION:
; APPLICANT: Bell, Leonard
; APPLICANT: Madri, Joseph A.
; APPLICANT: Warren, Stephen L.
; APPLICANT: Luthringer, Daniel J.
; TITLE OF INVENTION: Genetically Engineered
; TITLE OF INVENTION: Endothelial Cells
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESS: Maurice M. Klee
; STREET: 1951 Burr Street
; CITY: Fairfield
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06430
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 760 Kb storage
; COMPUTER: DELL 486/50
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Displaywrite 3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00445
; FILING DATE: 19930105
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/820,011
; FILING DATE: 06-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Klee, Maurice M.
; REGISTRATION NUMBER: 30,399
; REFERENCE/DOCKET NUMBER: ALX-101PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 255 1400
```

```
; TELEFAX: (203) 254 1101
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1602 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Double
; TOPOLOGY: Linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Gallus, gallus
; PUBLICATION INFORMATION:
; AUTHORS: Takeya, Tatsuo
; AUTHORS: Hanafusa, Hidesaburo
; TITLE: Structure and Sequence of the
; TITLE: Cellular Gene Homologous to the RSV src
; TITLE: Gene and the Mechanism for Generating the
; TITLE: Transforming Virus
; JOURNAL: Cell
; VOLUME: 32
; PAGES: 881-890
; DATE: March, 1983
; PCT-US93-00445-1

Alignment Scores:
Pred. No.: 6,01e-22 Length: 1602
Score: 287.00 Matches: 81
Percent Similarity: 51.28% Conservatives: 39
Best Local Similarity: 34.62% Mismatches: 84
Query Match: 21.21% Indels: 32
DB: 5 Gaps: 5

US-09-939-853A-75 (1-261) x PCT-US93-00445-1 (1-1602)
QY 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerSerValGlnGlyGlnGly 24
Db 206 CCGTTTACGTCGCCGAGCGGTGCGGGCAGCTGGCTGGCGGGCTCACC----- 252
QY 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44
Db 253 -----ACTTTCGTGGCTCTCTACGACTACGAG 279
QY 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64
Db 280 TCCCGGAGCTGAACGGACTTCTCTCAAGAAAGGAGAACCGCTGCAGATTGTCAACAAC 339
QY 65 ---AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIlePro 83
Db 340 ACGGAAGGTGACTGGTGGCTCATTCCTCACTACAGACAGACGGGCTACATCCCC 399
QY 84 SerValHisValGlyLys-----ValSerHisGlyTrpLeuTyrGluGlyLeu 99
Db 400 AGTAACATATGTCGGCCCTCAGACTCCATCCAGGCTGAAGAGTGGTACTTTGGGAAGATC 459
QY 100 SerArgGluLysAlaGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeu 119
Db 460 ACTGTCGGGAGTCCGAGCGGCTGCTCTCAACCCCGAAACCCCGGGGAACCTTCTTG 519
QY 120 IleArgGluSerGlnThrArgGlySerTyrSerLeuSerValArgLeuSerArgPro 139
Db 520 GTCCGGGAGGAGGAGACCAAAAGTGCTATTGCTCTCGCTTCTGACTTTGACAAC 579
QY 140 AlaSerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyr 159
Db 580 GCCAAGGGGCTCAATGTGAAGCACTACAAAGTCCGCAAGCTGGACAGCGGGCTTCTAC 639
QY 160 IleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeu 179
Db 640 ATCACTCAGGCACACAGTTTACGACGCTGCGAGCAGCTGGTGGCTTACTTCCAAACAT 699
QY 180 AlaAspIleCysLeuLeuLysGluProCys----- 191
Db 700 GCTGATGGCTTGTGCCACCGCTGACCAACAGTCTGCCACAGTCCCAAGCCCGAGCCAG 759
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Db      700 GCTGATGGCTTGTGCCACCGCCTGACCAAGTCTGTGCCCCACGTCCAAAGCCCCCAGACCCAG 759
Qy      192 ---ValLeuGlnArgAlaGlyProLeuProGlyLysAspIleProLeuProValThrVal 210
Db      760 GGACTCGCCCAAGGACGGCTGGGAAATCCCCGGGAGTCGCTGGCGCTGGAGGTGAAGCTG 819
Qy      211 GlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224
Db      820 GGGCAGGGCTG-CTT---TGGAGAGGTCTGGATGGGGACCTG 857
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Search completed: December 30, 2004, 18:15:15
Job time : 114 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: December 30, 2004, 18:04:20 ; Search time 583 Seconds
(without alignments)
2528.636 Million cell updates/sec

Title: US-09-939-853A-75

Perfect score: 1353
Sequence: 1 MGSUPRRKSLPSPSLSSV.....RESLSFVSLNDEAVSLDDA 261

Scoring table:

BLOSUM62
Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-DB=Published_Applications_NA -QFM=fastap -SUFFIX=rnpb -MINMATCH=0.1
-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blomach2
-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0
-MAXLEN=200000000 -USER=US09939853 @CNC1 1.480 @runat_30122004_130438_18963
-NCPU=6 -ICPU=3 -NO WMAP -LARGEQUERY -NEG_SCORES=0 -WAIT_DSPBLOCK=100
-LONGLOG -DEV_TIMEOUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5
-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
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9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq.*
17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq.*
18: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
19: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Result No.	Score	Match	Length	DB ID	Description
1	1353	100.0	1183	11	US-09-939-853A-74
2	1353	100.0	1183	11	US-09-939-853A-76
3	1347	99.6	786	14	US-10-043-849-1
4	1347	99.6	786	17	US-10-432-746A-4
5	1205.5	89.2	1413	17	US-10-115-635-120
6	1196.5	88.4	737	17	US-10-432-746A-6
7	1028	76.0	777	17	US-10-432-746A-2
8	1028	76.0	1348	17	US-10-432-746A-1
9	826	61.0	763	9	US-09-867-550-953
10	643	47.5	864	10	US-09-814-353-21302
11	586	43.3	875	9	US-09-867-550-1915
12	488	36.1	3756	13	US-10-002-600-91
13	487	36.0	2665	9	US-09-954-456-499
14	487	36.0	2665	15	US-10-172-118-1312
15	487	36.0	2665	16	US-10-342-887-1312
16	487	36.0	2665	17	US-10-775-169-154
17	487	36.0	3452	18	US-10-723-860-5340
18	452.5	33.4	444	9	US-09-867-550-951
19	370.5	27.4	2298	14	US-10-175-523-50
20	370.5	27.4	2298	15	US-10-172-118-762
21	370.5	27.4	2298	16	US-10-159-563-343
22	370.5	27.4	2298	16	US-10-342-887-762
23	370.5	27.4	2298	16	US-10-641-643-1158
24	370.5	27.4	2298	17	US-10-755-889-269
25	360.5	26.6	1924	16	US-10-193-720-1
26	360.5	26.6	2015	9	US-09-954-456-1983
27	360.5	26.6	2015	15	US-10-007-010-3
28	360.5	26.6	2015	15	US-10-172-118-726
29	360.5	26.6	2015	16	US-10-342-887-726
30	360.5	26.6	2015	16	US-10-641-643-1105
31	360.5	26.6	2015	17	US-10-755-889-261
32	360.5	26.6	2015	17	US-10-775-169-106
33	360.5	26.6	2341	15	US-10-252-157-140
34	360.5	26.6	2343	16	US-10-062-674-2038
35	358.5	26.5	1911	9	US-09-917-800A-1611
36	350	25.9	320	10	US-09-814-353-17314
37	348	25.7	1530	11	US-09-997-722-234
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39	348	25.7	2032	15	US-10-366-288-27
40	348	25.7	2032	17	US-10-316-515-4
41	340	25.1	2017	16	US-10-062-674-1776
42	340	25.1	2034	9	US-09-805-020-3
43	340	25.1	2129	10	US-09-960-706-954
44	340	25.1	2129	16	US-10-305-720-1452
45	340	25.1	2129	17	US-10-316-515-75

ALIGNMENTS

RESULT 1

US-09-939-853A-74
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74

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; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-939-853A-76

Alignment Scores:
Pred. No.: 5,62e-150 Length: 1183
Score: 1353.00 Matches: 261
Percent Similarity: 100.00% Conservativeness: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 11 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-939-853A-76 (1-1183)
QY 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerSerVal 20
Db 786 ATGGGAAGTCTGCCAGCAGAGAAATCTTCCCAAGCCCAAGCTTGGTTCTCTCTGTC 727
QY 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 726 CAAGCGCAGGACCTGTGTACCATGGAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAG 667
QY 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 666 GGCAAGTTTCCCGCAGGTGGCCCGCCGAGCTGTCTGCTGAGACTCGGGGAGCAATTGACC 607
QY 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db 606 ATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTCTGAAGTCTCAGGCAGAGAGTAT 547
QY 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer 100
Db 546 AACATCCCAACGCTCCACGCTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCCCTGACC 487
QY 101 ArgGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle 120
Db 486 AGGAGAAACACAGAGGACTGTCTGTGTACCTGGGAACCTCTGAGGGGCTTCTCTCATC 427
QY 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 426 CGGAGAGCCAGACACAGAGAGGCTCTTACTCTCTGTCTGTCTGTCTGTCTGTCTGTCTGT 367
QY 141 SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle 160
Db 366 TCCTGGGACCGGATCAGACACTACAGATCACTACAGATCACTACAGATCACTACAGATCACT 307
QY 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 306 TCACGGCGCTCACCTTCCCTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT 247
QY 181 AspAspIleCysCysLeuLeuValGluProCysValLeuGlnArgAlaGlyProLeuPro 200
Db 246 GATGACATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 187

; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-939-853A-76

Alignment Scores:
Pred. No.: 5,62e-150 Length: 1183
Score: 1353.00 Matches: 261
Percent Similarity: 100.00% Conservativeness: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 11 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-939-853A-74 (1-1183)
QY 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerSerVal 20
Db 398 ATGGGAAGTCTGCCAGCAGAGAAATCTTCCCAAGCCCAAGCTTGGTTCTCTCTGTC 457
QY 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 458 CAAGCGCAGGACCTGTGTACCATGGAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAG 517
QY 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 518 GGCAAGTTTCCCGCAGGTGGCCCGCCGAGCTGTCTGCTGAGACTCGGGGAGCAATTGACC 577
QY 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db 578 ATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTGTGAAGTCTCAGGCAGAGAGTAT 637
QY 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer 100
Db 638 AACATCCCAACGCTCCACGCTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCCCTGACC 697
QY 101 ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle 120
Db 698 AGGAGAAACACAGAGGACTGTCTGTGTGTACTGGGAACCTCTGAGGGGCTTCTCTCATC 757
QY 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 758 CGGAGAGCCAGACACAGAGAGGCTCTTACTCTCTGTCTGCTGAGTCCGCTCAGCGCCCTGCA 817
QY 141 SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle 160
Db 818 TCCTGGGACCGGATCAGACACTACAGGATCCACTGCCCTTGACATGGCTGCTGTACATC 877
QY 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 878 TCACCGCGCTCACCTTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT 937
QY 181 AspAspIleCysCysLeuLeuValGluProCysValLeuGlnArgAlaGlyProLeuPro 200
Db 938 GATGACATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 997
QY 201 GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeu 220
Db 998 GGAAGGATATACCTTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1057
QY 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuSerGluGly 240
Db 1058 GACAGCTCCCTCTCTGTTTCTGAAGCTGCCACAGGGGAGGAGTCTCTCTCTGAGTGGGT 1117
QY 241 LeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAspAsp 260
Db 1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGATGACGAGGCTGTCTCTTGTGATGAT 1177
QY 261 Ala 261
Db 1178 GCC 1180

RESULT 2
US-09-939-853A-76/c

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Qy	201	GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeu	220
Db	186	GGCAAGGATATACCCCTACTGTGTGCAGAGGACACCACCTCAACTGGAAAGAGCTG	127
Qy	221	AspSerSerLeuLeuPheSerCgluAlaAlaThrGlyGluSerLeuLeuSerGluGly	240
Db	126	GACAGCTCCCTCTTTTCTGAAGCTGCCAGGGGAGAGTCCTCTTCTCAGTCAGGCT	67
Qy	241	LeuArgGluSerLeuSerPheTyrlleSerLeuLeuAsnAspGluAlaValSerLeuAspAsp	260
Db	66	CTCCGGGAGTCCCTCAGCTTCTACATCAGCCTGAATGACAGGCTGTCTCTTTGGATGAT	7
Qy	261	Ala	261
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RESULT 3

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US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Payan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; TITLE OF INVENTION: Retroviral-based Functional Screen

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Alignment Scores:		
Pred. No.:	1.64e-149	Length:
Score:	1347.00	Matches:
Percent Similarity:	99.62%	Conservative:
Best Local Similarity:	99.62%	Mismatches:
Query Match:	99.56%	Indels:
DB:	14	Gaps:

US-09-939-853A-75 (1-261) x US-10-043-649-1 (1-786)

QY	1	MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerSerVal	20
Db	1	ATGGGAAGTCTCCCCAGCAGAGAATAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTGC	60
QY	21	GlnGlyGlnGlyProValThrMetCiuAlaGluArgSerLysAlaThrAlaValAlaLeu	40
Db	61	CAAGGCCAGGGACCTGTGCACATGAAGCAGAGAGAAGGCCACAGCGGTGGCCCTGC	120
QY	41	GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr	60

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Percent Similarity: 99.62% Conservative: 0
Best Local Similarity: 99.62% Mismatches: 1
Query Match: 99.56% Indels: 0
DB: 17 Gaps: 0

US-09-939-853A-75 (1-261) x US-10-432-746A-4 (1-786)

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Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 61 CAGGCCAGGACCTGACACATGGAAGCAGAGAGAGAGCCACAGCCGCTGGCCCTG 120
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 121 GGCAGTTTCCCGCAGGTGCCCGCGAGCTGTGCTGAGACTCGGGGAGCCATTGACC 180
Qy 61 IleValSerGluAspGlyAspTrrThrValLeuSerGluValSerGlyArgGluTyr 80
Db 181 ATCGTCTCTGAGGATGAGACTGGTGACCGTGTCTGAAGTCTCAGGACAGAGATAT 240
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrrLeuTyrGluGlyLeuSer 100
Db 241 AACATCCCGAGCTCCAGCTGGCCAAAGTCTCCATGGTGGTGTATGAGGCCCTGAGC 300
Qy 101 ArgGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLe 120
Db 301 AGGAGAAAGCAGAGGAACCTGCTGTTTACCTGGGAACCTGGAGGGGCTTCTCATC 360
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 361 CGGAGAGCCAGACAGAGAGAGGCTCTTACTCTGTCTGTCAGTCCGCCCTCAGCCGCCCTGCA 420
Qy 141 SerTrrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrrLeuTyrIle 160
Db 421 TCCTGGACCGGATCAGACACTACAGGATCCACTGCCTTGACATGGCTGGCTGTACATC 480
Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 481 TCACCGGCGCTCACCTTCCCTCCTCAGGAGCCCTGGTGACCACTTACTCTGAGCTGGCG 540
Qy 181 AspAspIleCysCysLeuLeuLeuValProCysValLeuGlnArgAlaGlyProLeuPro 200
Db 541 GATGACATCTGCTGCTTACTCAGAGAGCCCTGTGTCTGACAGGCTGGCCGCTCCCT 600
Qy 201 GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrrLysGluLeu 220
Db 601 GGCAAGGATATACCCCTACCTGTGACTGTGCAGAGGACACCACCTCAACTGGAAAGAGCTG 660
Qy 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGlnGluSerLeuLeuSerGluGly 240
Db 661 GACAGCTCCCTCTCTGTTTCTGAACTGCCACAGGGAGGAGTCTCTTCTCAGTGGGGT 720
Qy 241 LeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAspAsp 260
Db 721 CTCGGGAGTCCCTCAGCTTCTACATCAGCCTGATGACGAGGCTGTCTCTTTGGATGAT 780

261 Ala 261
781 GCC 783

RESULT 5
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
```

APPLICANT: Ren, Feiyan
APPLICANT: Zhang, Jie
APPLICANT: Zhao, Qing A.
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wehrman, Tom
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: Novel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 797CON
CURRENT APPLICATION NUMBER: US/10/115,635
CURRENT FILING DATE: 2002-04-03
PRIOR APPLICATION NUMBER: 09/714,936
PRIOR FILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 362
SOFTWARE: pt_FL_genes Version 2.0
SEQ ID NO 120
LENGTH: 1413
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (54)..(686)
US-10-115-635-120

Alignment Scores: 1-61e-132 Length: 1413
Pred. No.: 1206.50 Matches: 240
Score: 91.60% Conservative: 0
Percent Similarity: 91.60% Mismatches: 4
Best Local Similarity: 89.17% Indels: 18
Query Match: 17 Gaps: 1
DB: 1

US-09-939-853A-75 (1-261) x US-10-115-635-120 (1-1413)

Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
Db 54 ATGGAGGTCTGCCAGCAGAGAGAAATCTCTCCCAAGCCCAAGCTTGGCTTCTCTGTC 113
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 114 CAGGCCAGGACCTGTGACCATGGAGAGCAGAGAGAGCCACAGCCGCTGGCCCTG 173
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 174 GGCAGTTTCCCGCAGGTGCCCGCGAGCTGTGCTGAGACTCGGGGAGCCATTGACC 233
Qy 61 IleValSerGluAspGlyAspTrrThrValLeuSerGluValSerGlyArgGluTyr 80
Db 234 ATCGTCTCTGAGGATGAGACTGGTGACCGTGTCTGTGAAGTCTCAGGACAGAGATAT 293
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrrLeuTyrGluGlyLeuSer 100
Db 294 AACATCCCGAGCTCCAGCTGGCCAAAGTCTCCATGGTGGTGTATGAGGCCCTGAGC 353
Qy 101 ArgGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLe 120
Db 354 AGGAGAAACAGAGGAACCTGCTGTTTACCTGGGAACCTGGAGGGGCTTCTCATC 413
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 414 CGGAGAGCCAGACAGGAGGCTCTTACTCTGTCTGCTCCGCCCTCAGCCGCCCTGCA 473
Qy 141 SerTrrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrrLeuTyrIle 160
Db 474 TCCTGGACCGGATCAGACACTACAGGATCCATGCTTGCATATGGCTGGCTGTACATC 533
Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 534 TCACCGGCGCTCACCTTCCCTCCTCAGGAGGCTGGGGGAGCCATTAC----- 581
Qy 181 AspAspIleCysCysLeuLeuLysGluProCysValLeuGln-ArgAlaGlyProLeuPr 200

```
Db 582 -----TCTGAGGGCTGGCCCGCTCCC 602
Qy 200 oGlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLe 220
Db 603 TGGCAAGGATATACCCCTACCTGTGACGTGTGCAGAGGACACCACTCAACTGGAAAGAGCT 662
Qy 220 uAspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuLeuSerGluG1 240
Db 663 GGACAGCTCCCTCTCTGTTTCTGAAGCTGCCACAGGGGAGGAGTCTCTTCTCAGTGAGGG 722
Qy 240 YLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAspAs 260
Db 723 TCTCGGAGAGTCCCTCAGCTTCTACATCAGCCTGATGACGAGGCTGTCTCTTTGGATGA 782
Qy 260 pAla 261
Db 783 TGCC 786

RESULT 6
US-10-432-746A-6
; Sequence 6, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-6

Alignment Scores:
Pred. No.: 9,99e-132 Length: 737
Score: 1196.50 Matches: 240
Percent Similarity: 92.02% Conservative: 2
Best Local Similarity: 91.25% Mismatches: 2
Query Match: 88.43% Indels: 19
DB: 17 Gaps: 1

US-09-939-853A-75 (1-261) x US-10-432-746A-6 (1-737)
Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerSerVal 20
Db 1 ATGGGAAGTCTGCCAGCAGAGAAATACTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTC 60
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 61 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAGCAAGGCCACAGCCGTGGCCCTG 120
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 121 GGCAGTTTCCCGCAGGAGTGGCCCGCCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 180
Qy 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db 181 ATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTCTGAAGTCTCAGGAGAGAGTAT 240
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTyrLeuTyrGluGlyLeuSer 100
Db 241 AACATCCCAAGGTCACAGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 300
Qy 101 ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheIle 120
Db 101 ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheIle 120
```

```
Db 301 AGGGAGAAAGCAGAGGAAACTGCTGTGTATTACTTGGGAAACCCCTGGAGGGCCCTTCTCTATC 360
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 361 CGGAGAGCCAGACCCAGGAGAGGCTCTTACTCTCTGTCTCAGTCCGCTCAGCGCCCTGCA 420
Qy 141 SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTyrLeuTyrIle 160
Db 421 TCCTGGGACCGGATCAGACACTACAGGATCCACTGCCCTTGCAATGGCTGGCTGTACATC 480
Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 481 TCACCGCCCTCACCTTCCCTCTCCTCAGGCCCTGGTGGACCATATC-----528
Qy 181 AspAspIleCysCysLeuLeuLysGluProCysValLeuGln-ArgAlaGlyProLeuPr 200
Db 529 -----TCTGAGGGCTGGCCCGCTCCC 549
Qy 200 oGlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLe 220
Db 550 TGGCAAGGATATACCCCTACCTGTGACGTGTGCAGAGGACACCACTCAACTGGAAAGAGCT 609
Qy 220 uAspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuSerGluG1 240
Db 610 GGACAGCTCCCTCTCTGTTTCTGAAGCTGCCACAGGGGAGGAGTCTCTTCTCAGTGAGGG 669
Qy 240 YLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAsp-GluAlaValSerLeuAspA 260
Db 670 TCTCGGAGTCCCTCAGCTTCTACATCAGCCTGATGACGAGGCTGTCTCTTTGGATG 729
Qy 260 pAla 261
Db 730 ATGCC 734

RESULT 7
US-10-432-746A-2
; Sequence 2, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 777
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-2

Alignment Scores:
Pred. No.: 9,69e-112 Length: 777
Score: 1028.00 Matches: 208
Percent Similarity: 85.50% Conservative: 16
Best Local Similarity: 79.39% Mismatches: 34
Query Match: 75.98% Indels: 4
DB: 17 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-432-746A-2 (1-777)
Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerSerVal 20
Db 1 ATGGGAAGTCTGCCAGCAGAGGAAACCC---TCCAGCCCCAGCCCGCTCTCTGCT 57
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
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Db	58	CCAGACACGGAACCCGTTGTCATGCAACACGAAAGACACAGGTACACGCTGTGGCCCTG	117
Qy	41	GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr	60
Db	118	GGCAGTTTCCACGAGTGAACAGGCCAGACTATCTCTGAGACTCGGGGAGCGCTGACC	177
Qy	61	IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr	80
Db	178	ATCATCTCTGAGGATGGAGATTGGTGACAGTCCAGTCGGAAGTCTCAGCAGAGAGTAC	237
Qy	81	AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer	100
Db	238	CACATGCCAGTGTGTATGTGGCTAAGTCCACCGGTGGCTGTACAGGGCCCTGAGC	297
Qy	101	ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle	120
Db	298	CGGAGAGAACCGAGGAACCTACTCTGTACCTGGGAACCCCGAGGGCGCTTCTCATC	357
Qy	121	ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla	140
Db	358	CGGAGAGCCAGACACGAGGAGGCTGTATTTCCCTGTCCGCTCCGACTCAGCCGCCCTGCA	417
Qy	141	SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle	160
Db	418	TCCTTGGACCGGATCAGACACTACAGGATACAGCGTCTTGACAAATGGCTGGCTGATATC	477
Qy	161	SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla	180
Db	478	TCACCTCGCTCACCCTCCCTCACTCAGCGCTTGGTGAGCATTTACTCTGAGCTAGCA	537
Qy	181	AspAspIleCysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuPro	200
Db	538	GATGGCATCTGCTGTCCCTCAGGAGCGGTGTCTCTGAGAAAGCTTGGGCCACTACCT	597
Qy	201	GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeu	220
Db	598	GGCAAGATACACTCCACCTGTGACTGTGCCAACATCATCTAAATTTGGAAAAAGCTG	657
Qy	221	AspSerSerLeuLeuPheSerGluAla---AlaThrGlyGluGluSerLeuLeuSerGlu	239
Db	658	GACCGCAGCCTCTCTGTTCTGGAAGCACCTCGAGTGGGAGGCACTCTGTCTCAGTGAG	717
Qy	240	GlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAsp	259
Db	718	GGGCTCCGAGAGTCCCTCAGTCTCTACATCAGCTGGCTGAGGAC-----CCCTTGGAT	771
Qy	260	AspAla 261	
Db	772	GATGCT 777	
RESULT 8			
US-10-432-746A-1			
; Sequence 1, Application US/10432746A			
; Publication No. US20040171537A1			
; GENERAL INFORMATION:			
; APPLICANT: McGlade, Jane			
; APPLICANT: Loreto, Michael			
; TITLE OF INVENTION: ADAPTER GENE			
; FILE REFERENCE: 3477.102			
; CURRENT APPLICATION NUMBER: US/10/432,746A			
; PCT FILING DATE: 2003-05-27			
; PRIOR APPLICATION NUMBER: PCT/CA01/01662			
; PRIOR FILING DATE: 2001-11-26			
; PRIOR APPLICATION NUMBER: CA 2,324,663			
; PRIOR FILING DATE: 2000-11-27			
; NUMBER OF SEQ ID NOS: 17			
; SOFTWARE: PatentIn version 3.2			
; SEQ ID NO 1			
; LENGTH: 1348			
; TYPE: DNA			
; ORGANISM: Mus musculus			
US-10-432-746A-1			
RESULT 9			
US-09-867-550-953			
; Sequence 953, Application US/09867550			
; Patent No. US2002008206A1			
; GENERAL INFORMATION:			
; APPLICANT: Leach, Martin D.			
; APPLICANT: Mehraban, Fuad,			

Alignment Scores:		2,07e-111	Length:	1348
Pred. No.:		1028,00	Matches:	208
Score:		85.50%	Conservative:	16
Best Local Similarity:		79.39%	Mismatches:	34
Query Match:		75.98%	Indels:	4
DB:		17	Gaps:	3
US-09-939-853A-75 (1-261) x US-10-432-746A-1 (1-1348)				
Qy	1	MetGlySerLeuProSerArgLysSerLeuProSerProSerLeuSerSerSerVal	20	
Db	282	ATGGGAAGTTTGTCCAGCAGAGGGAACCC---TCAGCCCCAGCCCCAGCTCTCTCGT	338	
Qy	21	GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu	40	
Db	339	CCAGACCAGGAACCCGTTGCCATGCAACAGAAACACACAGGTACAGCTGTGGCCCTG	398	
Qy	41	GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr	60	
Db	399	GGCAGTTTCCACGAGGTTGAACAGGCCAGACTATCTCTGAGACTCGGGGAGCGCTGACC	458	
Qy	61	IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr	80	
Db	459	ATCATCTCTGAGGATGGAGATTGGTGACAGTCCAGTCCGAAAGTCTCAGGCGAGAGTAC	518	
Qy	81	AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer	100	
Db	519	CACATGCCAGTGTGTATGTGGCTAAGTCCACCGGTGGCTGTACAGGGCCCTGAGC	578	
Qy	101	ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle	120	
Db	579	CGGAGAAAGCCGAGGAACCTACTCTGTATCTGGGAACCCCGAGGGCGCTTCTCATC	638	
Qy	121	ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla	140	
Db	639	CGGAGAGCCAGACCCAGGAGGCTGTATTTCCCTGTCCGCTCCGACTCAGCCGCCCTGCA	698	
Qy	141	SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle	160	
Db	699	TCCTTGGACCGGATCAGACACTACAGGATACAGCGTCTTGACAAATGGCTGGCTGATATC	758	
Qy	161	SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla	180	
Db	759	TCACCTCGCTCACCCTCCCTCACTCCAGCGCTTGGTGAGCATTTACTCTGAGCTAGCA	818	
Qy	181	AspAspIleCysCysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuPro	200	
Db	819	GATGGCATCTGTCTGTCCCTCAGGAGCGGTGTCTCTGAGAGAGCTTGGGCCACTACCT	878	
Qy	201	GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeu	220	
Db	879	GGCAAGATACACTCCACCTGTGACTGTGCCAACATCATCTAAATTTGGAAAAAGCTG	938	
Qy	221	AspSerSerLeuLeuPheSerGluAla---AlaThrGlyGluGluSerLeuSerGlu	239	
Db	939	GACCGCAGCCTCTCTGTTCTTGGAAAGCACCTCGAGTGGGAGGCACTCTGTCTCAGTGAG	998	
Qy	240	GlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAsp	259	
Db	999	GGGCTCCGAGAGTCCCTCAGTCTCTACATCAGCTGGCTGAGGAC-----CCCTTGGAT	1052	
Qy	260	AspAla 261		
Db	1053	GATGCT 1058		
RESULT 9				
US-09-867-550-953				
; Sequence 953, Application US/09867550				
; Patent No. US2002008206A1				
; GENERAL INFORMATION:				
; APPLICANT: Leach, Martin D.				
; APPLICANT: Mehraban, Fuad,				


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; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953

Alignment Scores:
Pred. No.: 7.9e-88 Length: 763
Score: 826.00 Matches: 158
Percent Similarity: 99.37% Conservative: 0
Best Local Similarity: 99.37% Mismatches: 1
Query Match: 61.05% Indels: 0
DB: 9 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-867-550-953 (1-763)

Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
Db 286 ATGGAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTC 345
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 346 CAAGCCAGGACCTGTGACCATGGAGCAGAGAACCAAGCCACAGCCGTGGCCCTG 405
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 406 GGCAGTTTCCCGCAGGTGGCCCGCCGAGCTGTCTGCTGAGACTCGGGAGGCCATTGACC 465
Qy 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db 466 ATCTGCTCTGAGGATGGAGACTGTGGACGGTGTCTCTGAAGTCTCAGGCAGAGATAT 525
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer 100
Db 526 AACATCCCGACGTCACGTGCCCAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 585
Qy 101 ArgGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLe 120
Db 586 AGGGAGAAAGCAGAGGAATCTGTTGTACTCGGAACCCCTGGAGGGCCCTTCTCATC 645
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 646 CGGAGAGCCAGACAGAGAGGCTTACTTCTGTCTGTCAGTCCCGCTCAGCGCCCTGCA 705
Qy 141 SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyr 159
Db 706 TCCTGGGACCGGATCAGACACTACAGATCCATGCTTGCCTTGACATGGCTGTATC 762

RESULT 10
US-09-814-353-21302
; Sequence 21302, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
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; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21302
; LENGTH: 864
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 2, 3, 32, 862, 863, 864
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21302

Alignment Scores:
Pred. No.: 4.41e-66 Length: 864
Score: 643.00 Matches: 126
Percent Similarity: 98.45% Conservative: 1
Best Local Similarity: 97.67% Mismatches: 2
Query Match: 47.52% Indels: 0
DB: 10 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-814-353-21302 (1-864)

Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
Db 450 ATGGAGAAATCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTC 509
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 510 CAAGCCAGGACCTGTGACCATGGAGCAGAGAACCAAGCCACAGCCGTGGCCCTG 569
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 570 GGCAGTTTCCCGCAGGTGGCCCGCCGAGCTGTCTGCTGAGACTCGGGAGCCATTGACC 629
Qy 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db 630 ATCTGCTCTGAGGATGGAGACTGTGGACGGTGTCTCTGAAGTCTCAGGCAGAGATAT 689
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer 100
Db 690 AACATCCCGACGTCACGTGCCCAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 749
Qy 101 ArgGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLe 120
Db 750 AGGGAGAAAGCAGAGGAATCTGTTGTACTCGGAACCCCTGGAGGGCCCTTCTCATC 809
Qy 121 ArgGluSerGlnThrArgArgGlySer 129
Db 810 CGGAGAGCCAGACAGAGAGGATGCC 836

RESULT 11
US-09-867-550-1915
; Sequence 1915, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
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; TITLE OF INVENTION: No. US20020082206A1e1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 1915
; LENGTH: 875
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: Wherein n is one of a or t or c or g
; US-09-867-550-1915

Alignment Scores:
Pred. No.: 2,52e-59 Length: 875
Score: 586.00 Matches: 112
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 43.31% Indels: 0
DB: 9 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-867-550-1915 (1-875)
QY 150 IleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeu 169
Db 4 ATCCACTGCTTGACAAATGGCTGTACATCTACCGGGCTCACCTCCCTCACTC 63
QY 170 GlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysLeuLeuLysGlu 189
Db 64 CAGGCCCTGGTGGACCAATTAATCTAGCTGGCGATGACATCTGCTGCTCACTCAAGGAG 123
QY 190 ProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIleProLeuProValThr 209
Db 124 CCCTGTGTCTGCAGAGGGCTGGCCGCTCCCTGGCAGGATATACCCCTACCTGTGACT 183
QY 210 ValGlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeuLeuPheSerGluAla 229
Db 184 GTGCAGAGACACCACTCACTGGAAGAGCTGGACAGCTCCCTCCCTGTTCTGAAGCT 243
QY 230 AlaThrGlyGluGluSerLeuLeuSerGluGlyLeuArgGluSerLeuSerPheTyrIle 249
Db 244 GCCACAGGGGAGGAGCTCTCTTCTAGTGAGGGTCTCCGGGAGTCCCTCAGCTTCTATC 303
QY 250 SerLeuAsnAspGluAlaValSerLeuAspAla 261
Db 304 AGCCTGAATGACGAGGCTGTCTCTTGGATGATGCC 339

RESULT 12
US-10-002-600-91
; Sequence 91, Application US/10002600
; Publication No. US20020137077A1
; GENERAL INFORMATION:
; APPLICANT: Hopkins, Christopher M.
; APPLICANT: Peterson, David P.
; APPLICANT: Cocke, Benjamin G.
; APPLICANT: Hawkins, Phillip R.
; TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS
; FILE REFERENCE: PA-0042 US
; CURRENT APPLICATION NUMBER: US/10/002,600
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 60/243,521
; PRIOR FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PERL Program
; SEQ ID NO 91
; LENGTH: 3756
; TYPE: DNA

; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Template ID: 059263.15
; US-10-002-600-91

Alignment Scores:
Pred. No.: 7,62e-47 Length: 3756
Score: 488.00 Matches: 101
Percent Similarity: 57.20% Conservative: 46
Best Local Similarity: 39.30% Mismatches: 94
Query Match: 33.07% Indels: 16
DB: 13 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-002-600-91 (1-3756)
QY 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24
Db 1098 CCAGGGAAGAAAGAAATGGAAACAGCATGAAATCCACCCCTGGCCTGCCGAGAGG 1157
QY 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44
Db 1158 CCCCTGCCCAACCCGAGGAGCTGGATAGCGACTTCTTGGCTGCTAAGTGACTACCCG 1217
QY 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64
Db 1218 TCTCTGACATCAGCCGCCCGCATATTCCGCGAGGGGAGAACTGCGTGTGATTCTGAT 1277
QY 65 AspGlyAspTrpThrValLeuSerGluValSerGluValSerGlyValGluTyrAsnIleProSer 84
Db 1278 GAAGGGGGCTGGTGAAGAGCTATTCTTACCATGCTGCTTGTAGGGGCTGGCAGACAGAGCC 1337
QY 85 ValHisValGlyValSerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAla 104
Db 1338 ATATGTGTGGCAGAGTTTACCATGCTGCTTGTAGGGGCTGGCAGACAGAGCC 1397
QY 105 GluGluLeuLeuLeuLeuProGlyAsnProGlyAlaPheLeuIleArgGluSerGln 124
Db 1398 GAGGAGCTCTGCAGCTGCCACACAAAGTCCGCTCCCTCATGATCAGAGAGTGAG 1457
QY 125 ThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144
Db 1458 ACCAAGAAAGGTTTACTCACTGTCGTGAGACAAAGG-----CAG 1499
QY 145 IleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeu 164
Db 1500 GTAAAGCATTAACCGCATTTTCCGCTCTGCCCAACACTGTGTACTTACATTTCCCGAGGCTC 1559
QY 165 ThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCys 184
Db 1560 ACCTTCCAGTGCCTGGAGGACCTGGTGAACCACTATTCTGAGGTGCTGATGGCCTGTGC 1619
QY 185 CysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIle 204
Db 1620 TGTGTGCTCACCACGCCCTGCTGTGACACAAAGCAGCGCTGCCCGAGAGGGCTCC 1679
QY 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeuAspSerLeu 224
Db 1680 AGCTCACCTGTCACTTGGCTGAGAAGACTGTGGAGCTGGAGGAGAGTGTCACA----- 1733
QY 225 LeuPheSerGluAlaAlaThrGly-----GluGluSerLeuLeu 237
Db 1734 ---CTGAGGAGGAGGCCCGGAGGACAGAGAACCCGCTTGGGGGTAGACGAGTCCCTTTTC 1790
QY 238 serGluGlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGlu 254
Db 1791 AGCTATGGCTTCGAGAGAGCAATTGCCTCTTACCTGTCTCCTGACCACTGAG 1841

RESULT 13
US-09-954-456-499
; Sequence 499, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
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APPLICANT: Young, Paul
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Candi

FILE OF INVENTION: Sets

FILE REFERENCE: 689290-76

CURRENT APPLICATION NUMBER: US/09/954,456

CURRENT FILING DATE: 2001-09-18

PRIOR APPLICATION NUMBER: US/60/233,617

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: US/60/234,052

PRIOR FILING DATE: 2000-09-20

PRIOR APPLICATION NUMBER: US/60/234,923

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235,134

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235,637

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235,638

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235,711

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,720

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,840

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,863

PRIOR FILING DATE: 2000-09-27

NUMBER OF SEQ ID NOS: 2276

SOFTWARE: PatentIn version 3.0

SEQ ID NO 499

LENGTH: 2665

TYPE: DNA

ORGANISM: Homo sapiens

US-09-954-456-499

Alignment Scores:

Pred. No.: 6,23e-47 Length: 2665

Score: 487.00 Matches: 101

Percent Similarity: 57.20% Conservative: 46

Best Local Similarity: 39.30% Mismatches: 94

Query Match: 35.99% Indels: 16

DB: 9 Gaps: 3

US-09-939-853A-75 (1-261) x US-09-954-456-499 (1-2665)

Qy 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24

Db 24 CCAGGAAAGAAAGAAATGGAAACAGCATGAATCCACCCCTGCCCTGCCAGAGG 83

Qy 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44

Db 84 CCCCTGCCCAACCCGAGGAGCTGGATAGCGACTTCTTCCGCTGCTAAGTGACTACCG 143

Qy 45 AlaGlyGlyProAlaGluLeuSerLeuArgLysGlyGluProLeuThrIleValSerGlu 64

Db 144 TCTCTGCATCAGCCGCCCGATATTCGCGCGAGGGAGAACTCGGTGCTGATTTCTGAT 203

Qy 65 AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyAsnIleProSer 84

Db 204 GAAGGGCGCTGTGGAAGACTATTCTTAGCATCTGTGCGAGAGTTACATCCCTCGA 263

Qy 85 ValHisValGlyLysValSerHisGlyTrpLeuTyGluGlyLeuSerArgGluLysAla 104

Db 264 ATATGTGTGGCCAGAGTTTACATGCTGGCTGTTTGGAGGCTGGCGAGACAGGCC 323

Qy 105 GluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIleArgGluSerGln 124

Db 324 GAGGAGCTGCTGCAGCTGCCAGACAAAGGTCGCTCTTCATCATCATCAGAGAGTGAG 383

Qy 125 ThrArgArgGlySerTySerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144

Db 384 ACCAAGAAGGGTTTACTCTACTGTCGCTGAGA-----CACAGGCAG 425

Qy 145 IleArgHisTyArgIleHisCysLeuAspAsnGlyTrpLeuTyIleSerProArgLeu 164

Db 426 GTAAAGCATTTACCGCATTTTCGCTGCCGAACAACACTGGTACTACATTTCCCGAGGCTC 485

Qy 165 ThrPheProSerLeuGlnAlaValAspHisTySerGluLeuAlaAspAspIleCys 184

Db 486 ACCTTCCAGTCCTGGAGACCTGTGAACCACTATTCTGAGGTGGCTGATGGCTGTGC 545

Qy 185 CysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIle 204

Db 546 TGTGTGCTCACCACGCCCTGCTGCACAAAGCACGGCTGCCAGCAGTGGAGGCTCC 605

Qy 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224

Db 606 AGCTCACCTGTCACTTGGCTCAGAAAGACTGTGGAGTGGAGAGAGTGTCCAGA----- 659

Qy 225 LeuPheSerGluAlaAlaThrGly-----GluGluSerLeuLeu 237

Db 660 ---CTGAGGAGGACCCCGAGGAAACAGAGAACCCGCTGGGGTAGACAGTCCCTTTTC 716

Qy 238 SerGluGlyLeuArgGluSerLeuSerPheTyIleSerLeuAsnAspGlu 254

Db 717 AGCTATGCGCTTCGAGAGAGCATTGCTCTTACCTGTCTCCCTGACCAGTGAG 767

RESULT 14

US-10-172-118-1312

Sequence 1312, Application US/10172118

Publication No. US20030224374A1

GENERAL INFORMATION:

APPLICANT: Dai, Hongyue

APPLICANT: He, Yudong

APPLICANT: Linsley, Peter

APPLICANT: Mao, Mao

APPLICANT: Roberts, Chris

APPLICANT: Van't Veer, Laura

APPLICANT: Van de Vijver, Marc

APPLICANT: Bernards, Rene

TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients

FILE REFERENCE: 9301-175-999

CURRENT APPLICATION NUMBER: US/10/172,118

CURRENT FILING DATE: 2002-06-14

PRIOR APPLICATION NUMBER: 60/380,770

PRIOR FILING DATE: 2002-05-14

NUMBER OF SEQ ID NOS: 2699

SEQ ID NO 1312

LENGTH: 2665

TYPE: DNA

ORGANISM: Homo sapiens

PUBLICATION INFORMATION:

DATABASE ACCESSION NUMBER: NM_006748

DATABASE ENTRY DATE: 2001-06-18

US-10-172-118-1312

Alignment Scores:

Pred. No.: 6.23e-47 Length: 2665

Score: 487.00 Matches: 101

Percent Similarity: 57.20% Conservative: 46

Best Local Similarity: 39.30% Mismatches: 94

Query Match: 35.99% Indels: 16

DB: 15 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-172-118-1312 (1-2665)

Qy 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24

Db 24 CCAGGAAAGAAAGAAATGGAAACAGCATGAATCCACCCCTGCCCTGCCAGAGG 83

Qy 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44

Db 84 CCCCTGCCCAACCCGAGGAGCTGGATAGCGACTTCTTCCGCTGCTAAGTGACTACCG 143

Qy 45 AlaGlyGlyProAlaGluLeuSerLeuArgLysGlyGluProLeuThrIleValSerGlu 64

Db 144 TCTCTGCATCAGCCGCCCGATATTCGCGCGAGGGAGAACTCGGTGCTGATTTCTGAT 203

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QY 65 AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSer 84
Db 204 GAAGGGGCTGGTGGAAAGCTATTTCTTTAGCACTGGTTCGAGAGAGTTACATCCCTGGA 263
QY 85 ValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAla 104
Db 264 ATATGTGTGCGCAGAGTTTACCATGGCTGGCTGTTTGGAGGCGCTGGCGAGAGCAAGGCC 323
QY 105 GluGluLeuLeuLeuProGlyAsnProGlyAlaPheLeuIleArgGluSerGln 124
Db 324 GAGAGCTGTCTGACGTGCGACGACACAAAGCTGGCTCTTCATGATCAGAGAGTGAG 383
QY 125 ThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144
Db 384 ACCAAGAAAGGTTTACTCACTGTGCGTGAGA-----CACAGGCAG 425
QY 145 IleArgHisTyrArgIleHisCysLeuAsnGlyTrpLeuTyrIleSerProArgLeu 164
Db 426 GTAAGCAATTACCGCATTTTCCGCTGCCGACAACTGGTACTACATTTCCCGAGGCTC 485
QY 165 ThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCys 184
Db 486 ACCTTCCAGTCCCTGGAGGACCTGGTCAACCACTATTCTGAGTGGCTGATGGCTGTGC 545
QY 185 CysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIle 204
Db 546 TGTGTGCTCACCGCCCTGCGTGCACACAAAGCAGCGCTGCCCGACAGAGAGTGTCCGA 605
QY 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224
Db 606 AGCTCACCTGTCACTTGGCTGCAAGACTGTGACCTGGAGAGAGTGTCCAGA----- 659
QY 225 LeuPheSerGluAlaAlaThrGly-----GluGluSerLeuLeu 237
Db 660 ---CTGCAGAGAGACCCCGAGGGAACAGAGAACCGCTTGGGGTAGACGAGTCCCTTTTC 716
QY 238 SerGluGlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGlu 254
Db 717 AGCTATGGCCTTCGAGAGAGCATTTGCCTCTTACCTGTCCCTGCACCACTGAG 767
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RESULT 15
US-10-342-887-1312
; Sequence 1312, Application US/10342887
; Publication No. US20040058340A1
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter S.
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Christopher J.
; APPLICANT: Van 't Veer, Laura Johanna
; APPLICANT: Van de Vijver, Marc J.
; APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
; FILE REFERENCE: 9301-188-999
; CURRENT APPLICATION NUMBER: US/10/342,887
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 60/298,918
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 60/380,710
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 10/172,118
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 1312
; LENGTH: 2665
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-342-887-1312
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Alignment Scores: 6.23e-47 Length: 2665
Pred. No.:

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Score: 487.00 Matches: 101
Percent Similarity: 57.20% Conservative: 46
Best Local Similarity: 39.30% Mismatches: 94
Query Match: 35.99% Indels: 16
DB: 16 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-342-887-1312 (1-2665)
QY 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24
Db 24 CCAGGGAAGAAAGAAATGGGAACAGCATGAAATCCACCCCTCGCCTCGCAGAGG 83
QY 25 ProValThrMetGluAlaGluArgSerTyrAlaValAlaLeuGlySerPhePro 44
Db 84 CCCCTGCCCAACCCCGAGGAGCTGATAGCACTTCTTGGCTGCTAAAGTACTACCCG 143
QY 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGluProLeuThrIleValSerGlu 64
Db 144 TCTCTGACATCAGCCCCCGATATTCGCCGAGGGGAGAACTGCGTGTGATTTCTGAT 203
QY 65 AspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSer 84
Db 204 GAAGGGGCTGGTGGAAAGCTATTTCTTACGACTGCTCGAGAGAGTTACATCCCTGGA 263
QY 85 ValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAla 104
Db 264 ATATGTGTGCGCAGAGTTTACCATGGCTGGCTGTTTGGAGGCGCTGGCGAGAGCAAGGCC 323
QY 105 GluGluLeuLeuLeuProGlyAsnProGlyAlaPheLeuIleArgGluSerGln 124
Db 324 GAGGAGCTGCTGACGTGCCAGACACAAAGTGGCTCTTCACTGATCAGAGAGTGAG 383
QY 125 ThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144
Db 384 ACCAAGAAAGGTTTACTCACTGTGCGTGAGA-----CACAGGCAG 425
QY 145 IleArgHisTyrArgIleHisCysLeuAsnGlyTrpLeuTyrIleSerProArgLeu 164
Db 426 GTAAGCAATTACCGCATTTTCCGCTGCCGACAACTGGTACTACATTTCCCGAGGCTC 485
QY 165 ThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCys 184
Db 486 ACCTTCCAGTCCCTGGAGGACCTGGTGAACCACTATTCTGAGTGGCTGATGGCTGTGC 545
QY 185 CysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIle 204
Db 546 TGTGTGCTCACCGCCCTGCGTGCACACAAAGCAGCGCTGCCCGACAGAGAGTGTCCGA 605
QY 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224
Db 606 AGCTCACCTGTCACTTGGCTGCAAGACTGTGACCTGGAGAGAGTGTCCAGA----- 659
QY 225 LeuPheSerGluAlaAlaThrGly-----GluGluSerLeuLeu 237
Db 660 ---CTGCAGAGAGACCCCGAGGGAACAGAGAACCGCTTGGGGTAGACGAGTCCCTTTTC 716
QY 238 SerGluGlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGlu 254
Db 717 AGCTATGGCCTTCGAGAGAGCATTTGCCTCTTACCTGTCCCTGCACCACTGAG 767
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Search completed: December 30, 2004, 19:35:11
Job time : 590 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 3.42126 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-140

Perfect score: 20

Sequence: 1 ctggacaggttagggctttg 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_NA.*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	15.8	79.0	4170	4	US-09-919-039-221
2	15.8	79.0	9916	4	US-09-816-095-3
3	15.2	76.0	303	4	US-09-489-039A-4299
4	15.2	76.0	1515	4	US-09-071-035-431
5	15.2	76.0	1803	4	US-09-071-035-429
6	15.2	76.0	2481	4	US-09-134-000C-3193
7	15.2	76.0	2611	4	US-09-620-312D-925
8	15.2	76.0	3614	4	US-09-221-013A-9
9	15.2	76.0	48974	3	US-08-920-422-17
10	14.8	74.0	374	4	US-09-513-999C-3050
11	14.8	74.0	514	4	US-09-621-976-14354
12	14.8	74.0	2068	2	US-08-466-589-1
13	14.8	74.0	2068	2	US-08-700-636-1
14	14.8	74.0	2068	3	US-08-467-574-1
15	14.8	74.0	2068	3	US-09-217-345-1
16	14.8	74.0	2068	4	US-09-892-985-1
17	14.8	74.0	2277	1	US-08-496-855A-1
18	14.8	74.0	2277	4	US-08-487-596-1
19	14.8	74.0	2352	2	US-08-889-909A-21
20	14.8	74.0	2352	3	US-09-156-163A-21
21	14.8	74.0	2352	4	US-09-982-308B-21
22	14.8	74.0	2430	1	US-08-062-368-1
23	14.8	74.0	2664	4	US-08-660-451A-1
24	14.8	74.0	6268	4	US-09-566-921-57
25	14.8	74.0	18994	1	US-08-459-586-4
26	14.8	74.0	18994	2	US-08-282-696-4
27	14.8	74.0	30350	4	US-10-118-328-3

28	14.8	74.0	229354	4	US-09-765-400-64
29	14.8	74.0	229354	4	US-09-765-400-64
30	14.8	74.0	229354	4	US-09-705-400-64
31	14.8	74.0	229354	4	US-09-705-400-64
32	14.4	72.0	865	4	US-09-270-767-10723
33	14.4	72.0	34063	3	US-09-453-702B-96
34	14.4	72.0	36519	3	US-08-923-137-2
35	14.2	71.0	998	4	US-09-671-317-191
36	14.2	71.0	1229	4	US-09-404-641-80
37	14.2	71.0	1229	4	US-10-414-186-80
38	14.2	71.0	1298	4	US-09-404-641-69
39	14.2	71.0	1298	4	US-10-414-186-69
40	14.2	71.0	1398	4	US-09-328-352-2591
41	14.2	71.0	1572	4	US-09-620-312D-886
42	14.2	71.0	1664	4	US-10-140-002-169
43	14.2	71.0	1735	4	US-09-404-641-84
44	14.2	71.0	1735	4	US-10-414-186-84
45	14.2	71.0	1735	4	US-09-825-561A-11

ALIGNMENTS

RESULT 1

US-09-919-039-221

; Sequence 221, Application US/09919039

; Patent No. 6727066

; GENERAL INFORMATION:

; APPLICANT: Kaser, Matthew R.

; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES

; FILE REFERENCE: PA-0035 US

; CURRENT APPLICATION NUMBER: US/09/919,039

; CURRENT FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: 60/222,113

; PRIOR FILING DATE: 2000-07-28

; NUMBER OF SEQ ID NOS: 401

; SOFTWARE: PERL Program

; SEQ ID NO 221

; LENGTH: 4170

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; OTHER INFORMATION: Incyte ID No. 6727066 2278688CB1

US-09-919-039-221

Query Match 79.0%; Score 15.8; DB 4; Length 4170;
Best Local Similarity 89.5%; Pred. No. 66;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1 CTGGACAGGTTAGGCGCTTT 19

|||||

Db 2638 CTGGACAGGTTAGGCGCTTT 2656

RESULT 2

US-09-816-095-3

; Sequence 3, Application US/09816095

; Patent No. 6664084

; GENERAL INFORMATION:

; APPLICANT: GAN, Weiniu

; TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC

; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES

; FILE REFERENCE: CLO01147

; CURRENT APPLICATION NUMBER: US/09/816,095

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 3

; LENGTH: 9916

; TYPE: DNA

; ORGANISM: Human

Mon Jan 3 11:32:03 2005

us-09-939-853a-140.rni

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;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(9916)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-095-3
    Query Match          79.0%; Score 15.8; DB 4; Length 9916;
    Best Local Similarity 89.5%; Pred. No. 1.1e+02;
    Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      2 TGGACAGGTTAGGCGTTTG 20
      ||||| ||||| ||||| |||||
Db      5532 TGGACAGATTAGGCGTTTG 5550

RESULT 3
US-09-489-039A-4299/c
; Sequence 4299, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 4299
; LENGTH: 303
; TYPE: DNA
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-4299
    Query Match          76.0%; Score 15.2; DB 4; Length 303;
    Best Local Similarity 85.0%; Pred. No. 87;
    Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      1 CTGGACAGGTTAGGCGTTTG 20
      ||||| ||||| ||||| |||||
Db      250 CTGCACAGGTCAGAGCTTTG 231

RESULT 4
US-09-071-035-431
; Sequence 431, Application US/09071035
; Patent No. 6448043
; GENERAL INFORMATION:
; APPLICANT: Gil H. Choi
; TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 496
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,035
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: A. Anders Brookes
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1803 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-071-035-429
    Query Match          76.0%; Score 15.2; DB 4; Length 1803;
    Best Local Similarity 85.0%; Pred. No. 1.2e+02;
    Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      1 CTGGACAGGTTAGGCGTTTG 20
      ||||| ||||| ||||| |||||
Db      690 CTGGACAGGTCGGGTCITTTG 709
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;
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 431:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1515 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-071-035-431
    Query Match          76.0%; Score 15.2; DB 4; Length 1515;
    Best Local Similarity 85.0%; Pred. No. 1.1e+02;
    Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      1 CTGGACAGGTTAGGCGTTTG 20
      ||||| ||||| ||||| |||||
Db      430 CTGGACAGGTCGGGTCITTTG 449

RESULT 5
US-09-071-035-429
; Sequence 429, Application US/09071035
; Patent No. 6448043
; GENERAL INFORMATION:
; APPLICANT: Gil H. Choi
; TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 496
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,035
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: A. Anders Brookes
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1803 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-071-035-429
    Query Match          76.0%; Score 15.2; DB 4; Length 1803;
    Best Local Similarity 85.0%; Pred. No. 1.2e+02;
    Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      1 CTGGACAGGTTAGGCGTTTG 20
      ||||| ||||| ||||| |||||
Db      690 CTGGACAGGTCGGGTCITTTG 709
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RESULT 6
US-09-134-000C-3193
; Sequence 3193, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3193
; LENGTH: 2481
; TYPE: DNA
; ORGANISM: Enterococcus faecalis
US-09-134-000C-3193

Query Match          76.0%; Score 15.2; DB 4; Length 2481;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 687 CTGGACAGGTCGGGTCCTTG 706

RESULT 7
US-09-620-312D-925
; Sequence 925, Application US/09620312D
; Patent No. 6569662
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yungqing
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Drmanac, Radojie T.
; TITLE OF INVENTION: No. 6569662el Nucleic Acids and
; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt FL_genes Version 1.0
; SEQ ID NO 925
; LENGTH: 2611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (290)...(1885)
US-09-620-312D-925

Query Match          76.0%; Score 15.2; DB 4; Length 2611;
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Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 789 CTGAACAGATTAGGTCCTTTG 808

RESULT 8
US-09-221-013A-9/C
; Sequence 9, Application US/09221013A
; Patent No. 6495740
; GENERAL INFORMATION:
; APPLICANT: Arioli, Antonio
; APPLICANT: Williamson, Richard E.
; APPLICANT: Betzner, Andreas S.
; APPLICANT: Peng, Liangcai
; TITLE OF INVENTION: Manipulation of cellulose and/or Beta-1,4-glucan
; FILE REFERENCE: 96-98
; CURRENT APPLICATION NUMBER: US/09/221,013A
; CURRENT FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: PCT/AU97/00402
; PRIOR FILING DATE: 1997-06-24
; PRIOR APPLICATION NUMBER: AU P00699
; PRIOR FILING DATE: 1996-06-27
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 3614
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (217)..(3411)
US-09-221-013A-9

Query Match          76.0%; Score 15.2; DB 4; Length 3614;
Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 1600 CAGGACATTTTAGGCGCTTTG 1581

RESULT 9
US-08-920-422-17/C
; Sequence 17, Application US/08920422A
; Patent No. 6255473
; GENERAL INFORMATION:
; APPLICANT: Vitek, Michael P.
; APPLICANT: Mitsuda, No. 6255473iaki
; APPLICANT: Roses, Allen D.
; TITLE OF INVENTION: Presenilin-1 Gene Promoter
; FILE REFERENCE: VITEKPRESENTIN
; CURRENT APPLICATION NUMBER: US/08/920,422A
; CURRENT FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 48974
; TYPE: DNA
; ORGANISM: Mus musculus
US-08-920-422-17

Query Match          76.0%; Score 15.2; DB 3; Length 48974;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 33769 CTGCCAGGATAGGCGCTGTG 33750
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US-09-513-999C-3050

Query Match          74.0%; Score 14.8; DB 4; Length 374;
Best Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3  GGACAGGTTAGGGCTTTG 20
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Db      202  GGACTGGTTACGGCTTTG 185

RESULT 11
US-09-621-976-14354/c
; Sequence 14354, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 14354
; LENGTH: 514
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 254_
; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-14354

Query Match          74.0%; Score 14.8; DB 4; Length 514;
Best Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3  GGACAGGTTAGGGCTTTG 20
      ||| ||| ||| ||| ||| ||| |||
Db      311  GGACAGGTTAGGGCTTTG 294

RESULT 12
US-08-466-589-1/c
; Sequence 1, Application US/08466589
; Patent No. 5837489
; GENERAL INFORMATION:
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Ellis, Steven B.
; APPLICANT: Harpold, Michael M.
; TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE
; TITLE OF INVENTION: RECEPTOR COMPOSITIONS AND METHODS EMPLOYING SAME
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Martin, Haller & McClaim
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,589
; FILING DATE: June 5, 1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/028,031

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/ TELFAX: 619-546-9392
/ INFORMATION FOR SEQ ID NO: 1:
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/ SEQUENCE CHARACTERISTICS:
/ ;
/ LENGTH: 2068 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: both
/

```

QY 3 GGACAGGTTAGGGCTTTG 20
144 GGTCAAGTCAGGGCTTTG 127

us-09-939-853a-140.rni

Mon Jan 3 11:32:03 2005

RESULT 15
 US-09-217-345-1/c
 ; Sequence 1, Application US/09217345
 ; Patent No. 6303753
 ; GENERAL INFORMATION:
 ; APPLICANT: Elliot, Kathryn J.
 ; APPLICANT: Ellis, Steven B.
 ; APPLICANT: Hatpold, Michael M.
 ; TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE
 ; RECEPTOR COMPOSITIONS AND METHODS EMPLOYING SAME
 ; NUMBER OF INVENTIONS: 12
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Heller Ehrman White & McAuliffe
 ; STREET: 4250 Executive Square, 7th Floor
 ; CITY: La Jolla
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 92037
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/217,345
 ; FILING DATE: 21-DEC-98
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/467,574
 ; FILING DATE: 05-JUN-95
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/466,589,
 ; FILING DATE: 05-JUN-95
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/028,031
 ; FILING DATE: 08-MAR-93
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Seidman, Stephanie L
 ; REGISTRATION NUMBER: 33,779
 ; REFERENCE/DOCKET NUMBER: 24735-9949B
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 619-450-8400
 ; TELEFAX: 619-587-5360
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2068 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: both
 ; TOPOLOGY: both
 ; MOLECULE TYPE: cDNA
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 166..1752
 ; US-09-217-345-1

Query Match 74.0%; Score 14.8; DB 3; Length 2068;
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 3 GGACAGGTTAGGGCTTTG 20
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 Db 144 GGTCAGGTCAGGGCTTTG 127

Search completed: December 30, 2004, 13:27:26
 Job time : 6.42126 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 19.3605 Seconds
(without alignments)
5834.821 Million cell updates/sec

Title: US-09-939-853A-140

Perfect score: 20

Sequence: 1 ctggacaggttagggctttg 20

Scoring table:

IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:**

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- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
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- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
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- 18: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	11	US-09-939-853A-140
2	20	100.0	444	9	US-09-867-550-951
3	20	100.0	763	9	US-09-867-550-953
4	20	100.0	864	10	US-09-814-353-21302
5	20	100.0	1183	11	US-09-939-853A-74
6	20	100.0	1183	11	US-09-939-853A-76
7	17.4	87.0	422	16	US-10-242-535A-25371
8	17.4	87.0	422	16	US-10-085-783A-25371
9	16.8	84.0	665	13	US-10-027-632-133814
10	16.8	84.0	665	15	US-10-027-632-133814
11	16.8	84.0	809	18	US-10-653-047-7054
12	16.8	84.0	2305	15	US-10-094-749-795

c 13	16.8	84.0	2424	13	US-10-027-632-103042	Sequence 103042,
c 14	16.8	84.0	2424	13	US-10-027-632-103043	Sequence 103043,
c 15	16.8	84.0	2424	15	US-10-027-632-103042	Sequence 103042,
c 16	16.8	84.0	2424	15	US-10-027-632-103043	Sequence 103043,
c 17	16.8	84.0	3559	16	US-10-108-260A-602	Sequence 602, App
c 18	16.8	84.0	44325	11	US-09-997-722-226	Sequence 226, App
c 19	15.8	79.0	403	10	US-09-918-995-35904	Sequence 35904, A
c 20	15.8	79.0	407	10	US-09-918-995-35904	Sequence 35904, A
c 21	15.8	79.0	570	13	US-10-027-632-137211	Sequence 137211,
c 22	15.8	79.0	570	13	US-10-027-632-137211	Sequence 137211,
c 23	15.8	79.0	663	13	US-10-027-632-208024	Sequence 208024,
c 24	15.8	79.0	663	13	US-10-027-632-208024	Sequence 208024,
c 25	15.8	79.0	816	18	US-10-425-115-42209	Sequence 42209, A
c 26	15.8	79.0	1152	10	US-09-882-327-295	Sequence 295, App
c 27	15.8	79.0	1177	16	US-10-425-114-29026	Sequence 29026, A
c 28	15.8	79.0	1224	18	US-10-425-115-137102	Sequence 137102,
c 29	15.8	79.0	1744	16	US-10-424-599-121358	Sequence 121358,
c 30	15.8	79.0	1824	16	US-10-424-599-73670	Sequence 73670, A
c 31	15.8	79.0	1857	18	US-10-425-115-6431	Sequence 6431, Ap
c 32	15.8	79.0	2070	18	US-10-425-115-82136	Sequence 82136, A
c 33	15.8	79.0	4170	10	US-09-919-039-221	Sequence 221, Appl
c 34	15.8	79.0	4170	15	US-10-168-425-23	Sequence 23, Appl
c 35	15.8	79.0	4359	16	US-10-191-803-341	Sequence 341, App
c 36	15.8	79.0	24023	13	US-10-094-679-1	Sequence 1, Appli
c 37	15.8	79.0	99916	9	US-09-816-095-3	Sequence 3, Appli
c 38	15.8	79.0	99916	16	US-10-634-905-3	Sequence 28060, A
c 39	15.4	77.0	358	17	US-10-437-963-28060	Sequence 1299, Ap
c 40	15.4	77.0	770	9	US-09-917-800A-1299	Sequence 144930,
c 41	15.4	77.0	770	13	US-10-027-632-144930	Sequence 144930,
c 42	15.4	77.0	761	15	US-10-027-632-144930	Sequence 144930,
c 43	15.4	77.0	786	13	US-10-027-632-169995	Sequence 169995,
c 44	15.4	77.0	786	13	US-10-027-632-169996	Sequence 169996,
c 45	15.4	77.0	786	15	US-10-027-632-169995	Sequence 169995,

ALIGNMENTS

RESULT 1

US-09-939-853A-140
; Sequence 140, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-140

Query Match 100.0%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTGACAGGTAGGCTTTG 20
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Db 1 CTGGACAGGTTAGGGCTTTG 20

RESULT 2

US-09-867-550-951/c

Sequence 951, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

PRIOR FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 951

LENGTH: 444

TYPE: DNA

ORGANISM: Homo sapiens

US-09-867-550-951

Query Match 100.0%; Score 20; DB 9; Length 444;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20

Db 60 CTGGACAGGTTAGGGCTTTG 41

RESULT 3

US-09-867-550-953/c

Sequence 953, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

PRIOR FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 953

LENGTH: 763

TYPE: DNA

ORGANISM: Homo sapiens

US-09-867-550-953

Query Match 100.0%; Score 20; DB 9; Length 763;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20

Db 189 CTGGACAGGTTAGGGCTTTG 170

RESULT 4

US-09-814-353-21302/c

Sequence 21302, Application US/09814353

Publication No. US20030165831A1

GENERAL INFORMATION:

APPLICANT: Lee, John

APPLICANT: Thompson, Pamela

APPLICANT: Lillie, James

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR

TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND

TITLE OF INVENTION: THERAPY OF OVARIAN CANCER

FILE REFERENCE: MRI-006B

CURRENT APPLICATION NUMBER: US/09/814,353

CURRENT FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: US 60/191,031

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/207,124

PRIOR FILING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 60/211,940

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: US 60/216,820

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 60/220,661

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: US 60/257,672

PRIOR FILING DATE: 2000-12-21

NUMBER OF SEQ ID NOS: 22037

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 21302

LENGTH: 864

TYPE: DNA

ORGANISM: Homo sapiens

NAME/KEY: misc feature

LOCATION: 1_2_3_32_862_863_864

OTHER INFORMATION: n = A,T,C or G

US-09-814-353-21302

Query Match 100.0%; Score 20; DB 10; Length 864;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20

Db 353 CTGGACAGGTTAGGGCTTTG 334

RESULT 5

US-09-939-853A-74/c

Sequence 74, Application US/09939853A

Publication No. US20040039163A1

GENERAL INFORMATION:

APPLICANT: Burgess et al.

TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-099

CURRENT APPLICATION NUMBER: US/09/939,853A

CURRENT FILING DATE: 2001-08-27

PRIOR APPLICATION NUMBER: 60/228,191

PRIOR FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: 60/267,300

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 60/269,961

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/277,337

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 159

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 74

LENGTH: 1183

TYPE: DNA

ORGANISM: Homo sapiens

US-09-939-853A-74

Query Match 100.0%; Score 20; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 1.8;

Db 1 CTGGACAGGTTAGGGCTTTG 20

RESULT 2

US-09-867-550-951/c

Sequence 951, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

PRIOR FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 951

LENGTH: 444

TYPE: DNA

ORGANISM: Homo sapiens

US-09-867-550-951

Query Match 100.0%; Score 20; DB 9; Length 444;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20

Db 60 CTGGACAGGTTAGGGCTTTG 41

RESULT 3

US-09-867-550-953/c

Sequence 953, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

PRIOR FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 953

LENGTH: 763

TYPE: DNA

ORGANISM: Homo sapiens

US-09-867-550-953

Query Match 100.0%; Score 20; DB 9; Length 763;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20

Db 189 CTGGACAGGTTAGGGCTTTG 170

RESULT 4

US-09-814-353-21302/c

Sequence 21302, Application US/09814353

Publication No. US20030165831A1

GENERAL INFORMATION:

APPLICANT: Lee, John

APPLICANT: Thompson, Pamela

APPLICANT: Lillie, James

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR

TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND

TITLE OF INVENTION: THERAPY OF OVARIAN CANCER

FILE REFERENCE: MRI-006B

CURRENT APPLICATION NUMBER: US/09/814,353

CURRENT FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: US 60/191,031

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/207,124

PRIOR FILING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 60/211,940

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: US 60/216,820

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 60/220,661

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: US 60/257,672

PRIOR FILING DATE: 2000-12-21

NUMBER OF SEQ ID NOS: 22037

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 21302

LENGTH: 864

TYPE: DNA

ORGANISM: Homo sapiens

NAME/KEY: misc feature

LOCATION: 1_2_3_32_862_863_864

OTHER INFORMATION: n = A,T,C or G

US-09-814-353-21302

Query Match 100.0%; Score 20; DB 10; Length 864;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20

Db 353 CTGGACAGGTTAGGGCTTTG 334

RESULT 5

US-09-939-853A-74/c

Sequence 74, Application US/09939853A

Publication No. US20040039163A1

GENERAL INFORMATION:

APPLICANT: Burgess et al.

TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-099

CURRENT APPLICATION NUMBER: US/09/939,853A

CURRENT FILING DATE: 2001-08-27

PRIOR APPLICATION NUMBER: 60/228,191

PRIOR FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: 60/267,300

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 60/269,961

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/277,337

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 159

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 74

LENGTH: 1183

TYPE: DNA

ORGANISM: Homo sapiens

US-09-939-853A-74

Query Match 100.0%; Score 20; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 1.8;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGCGCTTTG 20
|||||
Db 301 CTGGACAGGTTAGGCGCTTTG 282

RESULT 6

US-09-939-853A-76
; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-76

Query Match 100.0%; Score 20; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGCGCTTTG 20
|||||
Db 883 CTGGACAGGTTAGGCGCTTTG 902

RESULT 7

US-10-242-535A-25371
; Sequence 25371, Application US/10242535A
; Publication No. US20040013663A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liaw, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2005
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 10/085,783
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25371
; LENGTH: 422
; TYPE: DNA
; ORGANISM: Human
; NAME/KEY: misc feature
; LOCATION: (5)-(5)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)-(7)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (406)-(406)
; OTHER INFORMATION: n is a, c, g, or t
US-10-085-783A-25371

Query Match 87.0%; Score 17.4; DB 16; Length 422;
Best Local Similarity 94.7%; Pred. No. 40;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGCGCTTT 19
|||||
Db 61 CTGGACAGGTTAGGCGCTTT 79

RESULT 9

US-10-027-632-133814
; Sequence 133814, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632

; LOCATION: (7)-(7)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (406)-(406)
; OTHER INFORMATION: n is a, c, g, or t
US-10-242-535A-25371

Query Match 87.0%; Score 17.4; DB 16; Length 422;
Best Local Similarity 94.7%; Pred. No. 40;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGCGCTTT 19
|||||
Db 61 CTGGACAGGTTAGGCGCTTT 79

RESULT 8

US-10-085-783A-25371
; Sequence 25371, Application US/10085783A
; Publication No. US20040037841A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liaw, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2002
; CURRENT APPLICATION NUMBER: US/10/085,783A
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25371
; LENGTH: 422
; TYPE: DNA
; ORGANISM: Human
; NAME/KEY: misc feature
; LOCATION: (5)-(5)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)-(7)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (406)-(406)
; OTHER INFORMATION: n is a, c, g, or t
US-10-085-783A-25371

Query Match 87.0%; Score 17.4; DB 16; Length 422;
Best Local Similarity 94.7%; Pred. No. 40;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGCGCTTT 19
|||||
Db 61 CTGGACAGGTTAGGCGCTTT 79

QY 1 CTGGACAGGTTAGGGCTTTG 20
|||
344 CTGGACAGGATAGGGCTGTG 363
db

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RESULT 12
US-10-094-749-795/c
; Sequence 795, Application US/10094749
; Publication No. US20030219741A1
;
; GENERAL INFORMATION:
;
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKU
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: HONO, YUTOKU
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHIKO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOKYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094, 749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350, 435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14

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; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 795
; LENGTH: 2305
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-094-749-795

Query Match      84.0%; Score 16.8; DB 15; Length 2305;
Best Local Similarity 90.0%; Pred. No. 86;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGTTAGGCTTTG 20
      ||||| ||||| ||||| ||
Db      2118 CTGGACAGTTAGGCTGTG 2099

RESULT 13
US-10-027-632-103042/c
; Sequence 103042, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 103042
; LENGTH: 2424
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-103042

Query Match      84.0%; Score 16.8; DB 13; Length 2424;
Best Local Similarity 90.0%; Pred. No. 87;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGTTAGGCTTTG 20
      ||||| ||||| ||||| ||
Db      1453 CTGGACAGTTAGGCTGTG 1434

RESULT 14
US-10-027-632-103043/c
; Sequence 103043, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
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; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 103043
; LENGTH: 2424
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-103043

Query Match      84.0%; Score 16.8; DB 13; Length 2424;
Best Local Similarity 90.0%; Pred. No. 87;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGTTAGGCTTTG 20
      ||||| ||||| ||||| ||
Db      1453 CTGGACAGTTAGGCTGTG 1434

RESULT 15
US-10-027-632-103042/c
; Sequence 103042, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 103042
; LENGTH: 2424
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-103042

Query Match      84.0%; Score 16.8; DB 15; Length 2424;
Best Local Similarity 90.0%; Pred. No. 87;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGTTAGGCTTTG 20
      ||||| ||||| ||||| ||
Db      1453 CTGGACAGTTAGGCTGTG 1434

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Job time : 21.8605 secs
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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 4.44764 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-141

Perfect score: 26

Sequence: 1 cctctggaagctgctgcagtgctctt 26

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_NA.*

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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
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5: /cgn2_6/ptodata/1/ina/PTCUS_COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	18.8	72.3	423	2	US-08-797-689-11
2	18.8	72.3	423	4	US-09-984-186-11
3	18.8	72.3	600	4	US-09-101-272G-72
4	18.8	72.3	624	4	US-09-101-272G-79
5	18.8	72.3	645	4	US-09-101-272G-95
6	18.8	72.3	666	4	US-09-101-272G-97
7	18.8	72.3	1233	1	US-08-254-922-1
8	18.8	72.3	1233	1	US-08-286-748B-1
9	18.8	72.3	1236	1	US-07-957-039A-7
10	18.8	72.3	1236	1	US-08-153-799-17
11	18.8	72.3	1236	4	US-09-023-655-927
12	18.8	72.3	1372	6	5219569-1
13	18.8	72.3	1475	4	US-09-643-597-122
14	18.8	72.3	1475	4	US-09-480-884A-122
15	18.8	72.3	1475	4	US-09-542-615A-122
16	18.8	72.3	1475	4	US-09-606-421B-122
17	18.8	72.3	1475	4	US-09-221-107-122
18	18.8	72.3	1475	4	US-09-466-396A-122
19	18.8	72.3	1475	4	US-09-476-396A-122
20	18.8	72.3	1475	4	US-09-630-940B-122
21	18.8	72.3	2294	4	US-09-643-597-123
22	18.8	72.3	2294	4	US-09-480-884A-123
23	18.8	72.3	2294	4	US-09-542-615A-123
24	18.8	72.3	2294	4	US-09-606-421B-123
25	18.8	72.3	2294	4	US-09-023-655-1217
26	18.8	72.3	2294	4	US-09-221-107-123
27	18.8	72.3	2294	4	US-09-466-396A-123

ALIGNMENTS

RESULT 1

US-08-797-689-11
; Sequence 11, Application US/08797689
; Patent No. 5876969
; GENERAL INFORMATION:
; APPLICANT: Fleer, Reinhard
; APPLICANT: Fournier, Alain
; APPLICANT: Guittion, Jean-Dominique
; APPLICANT: Jung, Gerard
; APPLICANT: Yeh, Patrice
; TITLE OF INVENTION: NOVEL BIOLOGICALLY ACTIVE POLYPEPTIDES,
; TITLE OF INVENTION: PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION
; TITLE OF INVENTION: CONTAINING SAID POLYPEPTIDES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: System 7.1
; SOFTWARE: Word 5.1 (PatentIn)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/797,689
; FILING DATE: 31-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/256,927
; FILING DATE: 28-JUL-1994
; APPLICATION NUMBER: FR 92/01064
; FILING DATE: 31-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR93/00085
; FILING DATE: 28-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: P-38,619
; REFERENCE/DOCKET NUMBER: ST92006-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3839
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 423 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double

28	18.8	72.3	2294	4	US-09-476-496A-123	Sequence 123, App
29	18.8	72.3	2294	4	US-09-630-940B-123	Sequence 123, App
30	18.8	72.3	2301	6	5188829-2	Patent No. 5188829
31	17.8	68.5	9391	4	US-09-562-702A-11	Sequence 11, Appl
32	17.8	68.5	9511	4	US-09-562-702A-9	Sequence 9, Appl
33	17.6	67.7	804	4	US-09-313-294A-38	Sequence 38, Appl
34	17.6	67.7	804	4	US-10-140-002-149	Sequence 149, Appl
35	17.6	67.7	808	4	US-09-800-729-25	Sequence 25, Appl
36	17.2	66.2	384	4	US-09-270-767-4301	Sequence 4301, Ap
37	17.2	66.2	384	4	US-09-270-767-19583	Sequence 19583, A
38	17.2	66.2	1335	1	US-07-942-157A-2	Sequence 2, Appli
39	17	65.4	274	4	US-09-313-294A-3335	Sequence 3335, Ap
40	17	65.4	413	4	US-09-513-999C-34774	Sequence 34774, A
41	17	65.4	449	4	US-09-621-976-14601	Sequence 14601, A
42	17	65.4	501	4	US-09-621-976-1584	Sequence 1584, Ap
43	17	65.4	1001	4	US-09-641-638-285	Sequence 285, App
44	17	65.4	1001	4	US-10-170-097-285	Sequence 285, App
45	17	65.4	2165	4	US-09-270-767-11202	Sequence 11202, A

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; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..419
US-08-797-689-11
Query Match 72.3%; Score 18.8; DB 2; Length 423;
Best Local Similarity 90.9%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
Db 230 CTGGAAGTCTGCCAGTGTCTT 251

RESULT 2
US-09-984-186-11
; Sequence 11, Application US/09984186
; Patent No. 6686179
; GENERAL INFORMATION:
; APPLICANT: Fleer, Reinhard
; Fournier, Alain
; Guittion, Jean-Dominique
; Jung, Gerard
; Yeh, Patrice
; TITLE OF INVENTION: NOVEL BIOLOGICALLY ACTIVE POLYPEPTIDES,
; PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION
; CONTAINING SAID POLYPEPTIDES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: System 7.1
; SOFTWARE: Word 5.1 (PatentIn)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,186
; FILING DATE: 29-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/797,689
; FILING DATE: 31-JAN-1997
; APPLICATION NUMBER: US 08/256,927
; FILING DATE: 28-JUL-1994
; APPLICATION NUMBER: FR 92/01064
; FILING DATE: 31-JAN-1992
; APPLICATION NUMBER: PCT/FR93/00085
; FILING DATE: 28-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: P-38,619
; REFERENCE/DOCKET NUMBER: ST92006-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3839
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 423 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..419
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-984-186-11
Query Match 72.3%; Score 18.8; DB 4; Length 423;
Best Local Similarity 90.9%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
Db 230 CTGGAAGTCTGCCAGTGTCTT 251

RESULT 3
US-09-101-272G-72
; Sequence 72, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: ATF domain of uPA
; NAME/KEY: CDS
; LOCATION: (1)..(600)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: (61)..()
; OTHER INFORMATION:
US-09-101-272G-72
Query Match 72.3%; Score 18.8; DB 4; Length 600;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
Db 279 CTGGAAGTCTGCCAGTGTCTT 300

RESULT 4
US-09-101-272G-79
; Sequence 79, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 79
; LENGTH: 624
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ATFHI chimeric protein
; NAME/KEY: CDS
; LOCATION: (12)..(593)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
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; LOCATION: (15)...()
; OTHER INFORMATION:
US-09-101-272G-97

Query Match 72.3%; Score 18.8; DB 4; Length 624;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 233 CTGGAAGTCTGCCAGTGTCTT 254

RESULT 5

US-09-101-272G-95
; Sequence 95, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 95
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ATFHI-CL chimeric protein
; NAME/KEY: CDS
; LOCATION: (12)...(614)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: (15)...()
; OTHER INFORMATION:
US-09-101-272G-95

Query Match 72.3%; Score 18.8; DB 4; Length 645;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||| ||||| |||||
Db 233 CTGGAAGTCTGCCAGTGTCTT 254

RESULT 6

US-09-101-272G-97
; Sequence 97, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 97
; LENGTH: 666
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ATFHI-ML chimeric protein
; NAME/KEY: CDS
; LOCATION: (12)...(635)
; OTHER INFORMATION:
US-09-101-272G-97

; NAME/KEY: mat_peptide
; LOCATION: (15)...()
; OTHER INFORMATION:
US-09-101-272G-97

Query Match 72.3%; Score 18.8; DB 4; Length 666;
Best Local Similarity 90.9%; Pred. No. 17;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 233 CTGGAAGTCTGCCAGTGTCTT 254

RESULT 7

US-08-254-922-1
; Sequence 1, Application US/08254922
; Patent No. 5626841
; GENERAL INFORMATION:
; APPLICANT: Victor Gurewich
; TITLE OF INVENTION: USE OF INTRA-PLATELET
; TITLE OF INVENTION: UROKINASE-TYPE PLASMINOGEN
; TITLE OF INVENTION: ACTIVATORS FOR LONG-TERM
; TITLE OF INVENTION: INHIBITION OF THROMBOSIS
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/254,922
; FILING DATE: June 7, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/014,207
; FILING DATE: February 5, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Rasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04353/004002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1233
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-254-922-1

Query Match 72.3%; Score 18.8; DB 1; Length 1233;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 219 CTGGAAGTCTGCCAGTGTCTT 240

RESULT 8

US-08-286-748B-1
; Sequence 1, Application US/08286748B
; Patent No. 5759542

us-09-939-853a-141.rn1

Mon Jan 3 11:32:06 2005

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;
; GENERAL INFORMATION:
; APPLICANT: Victor Gurewicz
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DELIVERY
; OF DRUGS BY PLATELETS FOR THE TREATMENT OF
; TITLE OF INVENTION: CARDIOVASCULAR AND OTHER DISEASES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/286,748B
; FILING DATE: August 5, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Fasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04547/013001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1233
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-286-748B-1

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Query Match 72.3%; Score 18.8; DB 1; Length 1233;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 5 CTGGAAGTCTGCCAGTGTCTT 26
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DB 219 CTGGAAGTCTGCCAGTGTCTT 240

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RESULT 9
US-07-957-039A-7
; Sequence 7, Application US/07957039A
; Patent No. 5389538
; GENERAL INFORMATION:
; APPLICANT: TANABE, TOSHIYUKI
; APPLICANT: MORITA, MASANORI
; APPLICANT: HIROSE, MASAAKI
; APPLICANT: AMASUJI, YASUO
; TITLE OF INVENTION: MUTANT HUMAN PROUROKINASE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
; STREET: 2100 Pennsylvania Avenue
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/957,039A
; FILING DATE: 06-OCT-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 289257/1991
; FILING DATE: 07-OCT-1991
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)293-7060
; TELEFAX: (202)293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1236 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: both
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: human
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1233
; US-07-957-039A-7

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Query Match 72.3%; Score 18.8; DB 1; Length 1236;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 5 CTGGAAGTCTGCCAGTGTCTT 26
    ||||| ||||| |||||
DB 219 CTGGAAGTCTGCCAGTGTCTT 240

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RESULT 10
US-08-153-799-17
; Sequence 17, Application US/08153799
; Patent No. 5766883
; GENERAL INFORMATION:
; APPLICANT: Ballance, David J
; APPLICANT: Goodey, Andrew R
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R Hain Swope, BOC Health Care Inc
; STREET: 100 Mountain Avenue
; CITY: Murray Hill
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07974
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/153,799
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847975
; FILING DATE: 06-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8909916.2
; FILING DATE: 29-APR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB90/00650
; FILING DATE: 26-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/775952
; FILING DATE: 29-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Swope, R Hain

```

```

;
; REGISTRATION NUMBER: 24864
; REFERENCE/DOCKET NUMBER: 92H832
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 665 2400
; TELEFAX: (908) 771 6159
; TELEX: 219484
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1236 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1236
; OTHER INFORMATION: /function= "human mature
; OTHER INFORMATION: urokinase-type plasminogen activator (uPA)"
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 13..47
; OTHER INFORMATION: /standard_name= "PCR primer binding
; OTHER INFORMATION: site"
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 376..418
; OTHER INFORMATION: /standard_name= "PCR primer binding
; OTHER INFORMATION: site"
;
; US-08-153-799-17
;
; Query Match 72.3%; Score 18.8; DB 1; Length 1236;
; Best Local Similarity 90.9%; Pred. No. 19;
; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 5 CTGGAAGTCTGCCAGTGTCCTT 26
; Db 219 CTGGAAGTCTGCCAGTGTCCTT 240
;
; RESULT 11
; US-09-023-655-927
; Sequence 927, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

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```

;
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 927:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1236 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g1311467
;
; US-09-023-655-927
;
; Query Match 72.3%; Score 18.8; DB 4; Length 1236;
; Best Local Similarity 90.9%; Pred. No. 19;
; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 5 CTGGAAGTCTGCCAGTGTCCTT 26
; Db 219 CTGGAAGTCTGCCAGTGTCCTT 240
;
; RESULT 12
; 5219569-1
; Patent No. 5219569
; APPLICANT: BLABER, MICHAEL; HEYNEKER, HERBERT L.; VEHAR,
; GORDON A.
; TITLE OF INVENTION: PROTEASE RESISTANT UROKINASE
; NUMBER OF SEQUENCES: 6
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,858
; FILING DATE: 16-AUG-1985
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 725,468
; FILING DATE: 22-APR-1985
; SEQ ID NO: 1:
; LENGTH: 1372
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; 5219569-1
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; Query Match 72.3%; Score 18.8; DB 6; Length 1372;
; Best Local Similarity 90.9%; Pred. No. 19;
; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; Qy 5 CTGGAAGTCTGCCAGTGTCCTT 26
; Db 355 CTGGAAGTCTGCCAGTGTCCTT 376
;
; RESULT 13
; US-09-643-597-122
; Sequence 122, Application US/09643597
; Patent No. 6426072
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C11

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US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||||| ||||||| |||||||
Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||||| ||||||| |||||||
Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||||| ||||||| |||||||
Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||||| ||||||| |||||||
Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||||| ||||||| |||||||
Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

Qy 1 CCTTCTGGAAGTCTGCCAGTGTCCTT 26

ALIGNMENTS

US-09-939-853A-141

Query Match 100.0%; Score 26; DB 11; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 26: Conservative 0; Mismatches 0; Indels

Qy 1 CCTTCTGGAAGTCTGCCAGTGTCCTT 26

Db 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

RESULT 2

US-09-867-550-951/c

; Sequence 951, Application US/09867550

; Patent No. US20020082206A1

; GENERAL INFORMATION:

; APPLICANT: Leach, Martin D.

; APPLICANT: Mehraban, Fuad,

; APPLICANT: Conley, Pamela

; APPLICANT: Law, Debbie

; APPLICANT: Topper, James

; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

; FILE REFERENCE: 21402-013 (Cura-313)

; CURRENT APPLICATION NUMBER: US/09/867,550

; CURRENT FILING DATE: 2001-09-20

; PRIOR APPLICATION NUMBER: USSN 60/208,427

; PRIOR FILING DATE: 2000-05-30

; NUMBER OF SEQ ID NOS: 2125

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 951

; LENGTH: 444

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-867-550-951

Query Match 100.0%; Score 26; DB 9; Length 444;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

Db 35 CCTTCTGGAAGTCTGCCAGTGTCTT 10

RESULT 3

US-09-867-550-953/c

; Sequence 953, Application US/09867550

; Patent No. US20020082206A1

; GENERAL INFORMATION:

; APPLICANT: Leach, Martin D.

; APPLICANT: Conley, Pamela

; APPLICANT: Law, Debbie

; APPLICANT: Topper, James

; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

; FILE REFERENCE: 21402-013 (Cura-313)

; CURRENT APPLICATION NUMBER: US/09/867,550

; CURRENT FILING DATE: 2001-09-20

; PRIOR APPLICATION NUMBER: USSN 60/208,427

; PRIOR FILING DATE: 2000-05-30

; NUMBER OF SEQ ID NOS: 2125

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 953

; LENGTH: 763

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-867-550-953

Query Match 100.0%; Score 26; DB 9; Length 763;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

Db 164 CCTTCTGGAAGTCTGCCAGTGTCTT 139

RESULT 4

US-09-814-353-21302/c

; Sequence 21302, Application US/09814353

; Publication No. US20030165831A1

; GENERAL INFORMATION:

; APPLICANT: Lee, John

; APPLICANT: Thompson, Pamela

; APPLICANT: Lillie, James

; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR

; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND

; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER

; FILE REFERENCE: MRI-006B

; CURRENT APPLICATION NUMBER: US/09/814,353

; CURRENT FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: US 60/191,031

; PRIOR FILING DATE: 2000-03-21

; PRIOR APPLICATION NUMBER: US 60/207,124

; PRIOR FILING DATE: 2000-05-25

; PRIOR APPLICATION NUMBER: US 60/211,940

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: US 60/216,820

; PRIOR FILING DATE: 2000-07-07

; PRIOR APPLICATION NUMBER: US 60/220,661

; PRIOR FILING DATE: 2000-07-25

; PRIOR APPLICATION NUMBER: US 60/257,672

; PRIOR FILING DATE: 2000-12-21

; NUMBER OF SEQ ID NOS: 22037

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 21302

; LENGTH: 864

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: 1, 2, 3, 32, 862, 863, 864

; OTHER INFORMATION: n = A,T,C or G

US-09-814-353-21302

Query Match 100.0%; Score 26; DB 10; Length 864;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

Db 328 CCTTCTGGAAGTCTGCCAGTGTCTT 303

RESULT 5

US-09-939-853A-74/c

; Sequence 74, Application US/09939853A

; Publication No. US20040039163A1

; GENERAL INFORMATION:

; APPLICANT: Burgess et al.

; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-099

; CURRENT APPLICATION NUMBER: US/09/939,853A

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/228,191

; PRIOR FILING DATE: 2000-08-25

; PRIOR APPLICATION NUMBER: 60/267,300

; PRIOR FILING DATE: 2001-02-08

; PRIOR APPLICATION NUMBER: 60/269,961

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/277,337

; PRIOR FILING DATE: 2001-03-20

; NUMBER OF SEQ ID NOS: 159

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 74

; LENGTH: 1183

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-939-853A-74

Query Match 100.0%; Score 26; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTCTGGAAGTCTGCCAGTGTCCTT 26
|||||
Db 276 CTTCTGGAAGTCTGCCAGTGTCCTT 251

RESULT 6

US-09-939-853A-76
; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-76

Query Match 100.0%; Score 26; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0.022; Indels 0; Gaps 0;
Matches 26; Conservative 0; Mismatches 0;

QY 1 CTTCTGGAAGTCTGCCAGTGTCCTT 26
|||||
Db 908 CTTCTGGAAGTCTGCCAGTGTCCTT 933

RESULT 7

US-10-027-632-195852
; Sequence 195852, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human

US-10-027-632-195852

Query Match 78.5%; Score 20.4; DB 13; Length 611;
Best Local Similarity 95.5%; Pred. No. 9.9;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CTTCTGGAAGTCTGCCAGTGTC 23
|||||
Db 484 CTTCTGGAAGTCTGCCAGTGCC 505

RESULT 8

US-10-027-632-195852
; Sequence 195852, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195852

Query Match 78.5%; Score 20.4; DB 15; Length 611;
Best Local Similarity 95.5%; Pred. No. 9.9;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CTTCTGGAAGTCTGCCAGTGTC 23
|||||
Db 484 CTTCTGGAAGTCTGCCAGTGCC 505

RESULT 9

US-10-437-963-60613/c
; Sequence 60613, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 60613

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; LENGTH: 2826
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_62122C.1
US-10-437-963-60613

Query Match      77.7%; Score 20.2; DB 17; Length 2826;
Best Local Similarity 88.0%; Pred. No. 13;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2 CTTCTGGAAGTCTGCCAGTGTCCCTT 26
    ||||| ||||| ||||| ||||| |||||
Db   2386 CTTCTGGCAGTCTGCCAGTGTTCCT 2362

RESULT 10
US-10-233-675A-2
; Sequence 2, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human derived abrogen
US-10-233-675A-2

Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  5 CTGGAAGTCTGCCAGTGTCCCTT 26
    ||||| ||||| ||||| ||||| |||||
Db   78 CTGGAAGTCTGCCACTGTCCCTT 99

RESULT 11
US-10-233-675A-6
; Sequence 6, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human derived abrogen
```

US-10-233-675A-6

```
Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY  5 CTGGAAGTCTGCCAGTGTCCCTT 26
    ||||| ||||| ||||| ||||| |||||
Db   78 CTGGAAGTCTGCCACTGTCCCTT 99
```

RESULT 12

```
US-10-233-675A-8
; Sequence 8, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human derived abrogen
US-10-233-675A-8
```

```
Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY  5 CTGGAAGTCTGCCAGTGTCCCTT 26
    ||||| ||||| ||||| ||||| |||||
Db   78 CTGGAAGTCTGCCACTGTCCCTT 99
```

RESULT 13

```
US-10-233-675A-23
; Sequence 23, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fragment of human urokinase plasminogen activator
US-10-233-675A-23
```

```
Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 5 CTGGAAGTCTGCCAGTGTCTT 26
|||||
Db 78 CTGGAAGTCTGCCACTGTCTT 99

RESULT 14
US-10-233-675A-26
; Sequence 26, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; PRIOR FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fragment of human urokinase plasminogen activator
; NAME/KEY: misc feature
; LOCATION: (137)..(137)
; OTHER INFORMATION: n = a or g
; NAME/KEY: misc feature
; LOCATION: (221)..(221)
; OTHER INFORMATION: n = a or g
US-10-233-675A-26

Query Match 72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
|||||
Db 78 CTGGAAGTCTGCCACTGTCTT 99

RESULT 15
US-10-424-999-2
; Sequence 2, Application US/10424999
; Publication No. US20040052810A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Using Them to Inhibit Angiogenesis
; FILE REFERENCE: ST01027-A
; CURRENT APPLICATION NUMBER: US/10/424,999
; PRIOR FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 10/233,675
; PRIOR FILING DATE: 2002-09-04
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human abrogen N43
US-10-424-999-2

Query Match 72.3%; Score 18.8; DB 16; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5 CTGGAAGTCTGCCAGTGTCTT 26
|||||
Db 78 CTGGAAGTCTGCCACTGTCTT 99

Search completed: December 30, 2004, 13:23:48
Job time : 27.6687 secs

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Result No.	Score	Query Match	\$	Length	DB	ID	Description
1	17.2	78.2	1245	4	US-09-489-039A-3698		Sequence 3698, Ap
2	16.4	74.5	1273	3	US-08-725-758A-3		Sequence 3, Appli
3	16.4	74.5	1273	3	US-09-735-251-3		Sequence 3, Appli
4	16.4	74.5	1373	3	US-08-725-758A-1		Sequence 1, Appli
5	16.4	74.5	1373	4	US-09-735-251-1		Sequence 1, Appli
6	16.4	74.5	3128	4	US-09-919-039-373		Sequence 373, App
7	16.2	73.6	618	4	US-09-621-976-788		Sequence 788, App
8	16.2	73.6	1449	4	US-09-248-796A-3697		Sequence 3697, Ap
9	16.2	73.6	2713	2	US-08-916-901-6		Sequence 6, Appli
10	16.2	73.6	2713	3	US-09-154-602-6		Sequence 6, Appli
11	16	72.7	1334	4	US-09-270-767-12625		Sequence 12625, A
12	15.8	71.8	274	4	US-09-313-294A-5461		Sequence 5461, Ap
13	15.8	71.8	283	4	US-09-313-294A-4815		Sequence 4815, Ap
14	15.8	71.8	288	4	US-09-313-294A-809		Sequence 809, App
15	15.8	71.8	288	4	US-09-313-294A-2911		Sequence 2911, Ap
16	15.8	71.8	404	4	US-09-513-999C-30207		Sequence 30207, A
17	15.8	71.8	2661	4	US-09-653-839-7		Sequence 7, Appli
18	15.8	71.8	2061	4	US-10-202-619-3-7		Sequence 7, Appli
19	15.8	71.8	2109	4	US-09-653-839-5		Sequence 5, Appli
20	15.8	71.8	2109	4	US-10-202-619-5		Sequence 5, Appli
21	15.8	71.8	2172	4	US-09-653-839-3		Sequence 3, Appli
22	15.8	71.8	2172	4	US-10-202-619-3		Sequence 3, Appli
23	15.8	71.8	2220	4	US-09-653-839-1		Sequence 1, Appli
24	15.8	71.8	2220	4	US-10-202-619-1		Sequence 1, Appli
25	15.8	71.8	2353	4	US-09-622-880B-2		Sequence 2, Appli
26	15.8	71.8	2806	4	US-09-653-839-9		Sequence 9, Appli
27	15.8	71.8	2806	4	US-10-202-619-9		Sequence 9, Appli

	CURRENT APPLICATION DATA:	
	APPLICATION NUMBER: US/08/725,758A	
	FILING DATE: 04-OCT-1996	
	PRIOR APPLICATION DATA:	
	APPLICATION NUMBER: 60/005,074	
	FILING DATE: 06-OCT-1995	
	ATTORNEY/AGENT INFORMATION:	
	NAME: Fraser, Janis K.	
	REGISTRATION NUMBER: 34,819	
	REFERENCE/DOCKET NUMBER: 05433/020001	
	TELEPHONE: 617-542-5070	
	TELEFAX: 617-542-8906	
	TELEX: 200154	
	INFORMATION FOR SEQ ID NO: 3:	
	SEQUENCE CHARACTERISTICS:	
	LENGTH: 1273 base pairs	
	TYPE: nucleic acid	
	STRANDEDNESS: both	
	TOPOLOGY: linear	
	MOLECULE TYPE: cDNA	
	FEATURE:	
	NAME/KEY: Coding Sequence	
	LOCATION: 44...1273	
	US-08-725-758A-3	
	Query Match	74.5%; Score 16.4; DB 3; Length 1273;
	Best Local Similarity	94.4%; Pred. No. 95;
	Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	1 TGAGAGAGTTCTGGGTGT 18	
DB	372 TGAGAGAGTTCGCGGTGT 389	
	RESULT 3	
	US-09-735-251-3	
	; Sequence 3, Application US/09735251	
	; Patent No. 6750323	
	; GENERAL INFORMATION:	
	APPLICANT: Reed, Guy	
	CLEMENT, Christophe Y.	
	TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN	
	NUMBER OF SEQUENCES: 4	
	CORRESPONDENCE ADDRESS:	
	ADDRESSEE: Fish & Richardson P.C.	
	STREET: 225 Franklin Street	
	CITY: Boston	
	STATE: MA	
	COUNTRY: USA	
	ZIP: 02110-2804	
	COMPUTER READABLE FORM:	
	MEDIUM TYPE: Diskette	
	COMPUTER: IBM Compatible	
	OPERATING SYSTEM: DOS	
	SOFTWARE: FastSEQ Version 2.0	
	CURRENT APPLICATION DATA:	
	APPLICATION NUMBER: US/08/725,758A	
	FILING DATE: 04-OCT-1996	
	PRIOR APPLICATION DATA:	
	APPLICATION NUMBER: 60/005,074	
	FILING DATE: 06-OCT-1995	
	ATTORNEY/AGENT INFORMATION:	
	NAME: Fraser, Janis K.	
	REGISTRATION NUMBER: 34,819	
	REFERENCE/DOCKET NUMBER: 05433/020001	
	TELECOMMUNICATION INFORMATION:	
	TELEPHONE: 617-542-5070	
	TELEFAX: 617-542-8906	
	TELEX: 200154	
	INFORMATION FOR SEQ ID NO: 1:	
	SEQUENCE CHARACTERISTICS:	
	LENGTH: 1373 base pairs	
	TYPE: nucleic acid	
	STRANDEDNESS: both	
	TOPOLOGY: linear	
	MOLECULE TYPE: cDNA	
	FEATURE:	
	NAME/KEY: Coding Sequence	
	LOCATION: 44...1321	
	US-08-725-758A-1	
	Query Match	74.5%; Score 16.4; DB 3; Length 1373;
	Best Local Similarity	94.4%; Pred. No. 96;
	Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	1 TGAGAGAGTTCTGGGTGT 18	
DB	372 TGAGAGAGTTCGCGGTGT 389	
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	US-08-725-758A-1	
	; Sequence 1, Application US/08725758A	
	; Patent No. 6160108	
	; GENERAL INFORMATION:	
	APPLICANT: Reed, Guy	
	APPLICANT: Clement, Christophe Y.	
	TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN	
	NUMBER OF SEQUENCES: 4	
	CORRESPONDENCE ADDRESS:	
	ADDRESSEE: Fish & Richardson P.C.	
	STREET: 225 Franklin Street	
	CITY: Boston	
	STATE: MA	
	COUNTRY: USA	
	ZIP: 02110-2804	
	COMPUTER READABLE FORM:	
	MEDIUM TYPE: Diskette	
	COMPUTER: IBM Compatible	
	OPERATING SYSTEM: DOS	
	SOFTWARE: FastSEQ Version 2.0	
	CURRENT APPLICATION DATA:	
	APPLICATION NUMBER: US/09/735,251	
	FILING DATE: 12-Dec-2000	
	PRIOR APPLICATION DATA:	
	APPLICATION NUMBER: US/08/725,758A	
	FILING DATE: 04-OCT-1996	
	APPLICATION NUMBER: 60/005,074	
	FILING DATE: 06-OCT-1995	
	ATTORNEY/AGENT INFORMATION:	
	NAME: Fraser, Janis K.	
	REGISTRATION NUMBER: 34,819	
	REFERENCE/DOCKET NUMBER: 05433/020001	
	TELECOMMUNICATION INFORMATION:	
	TELEPHONE: 617-542-5070	
	TELEFAX: 617-542-8906	
	TELEX: 200154	
	INFORMATION FOR SEQ ID NO: 3:	
	SEQUENCE CHARACTERISTICS:	
	LENGTH: 1273 base pairs	
	TYPE: nucleic acid	
	STRANDEDNESS: both	
	TOPOLOGY: linear	
	MOLECULE TYPE: cDNA	
	FEATURE:	
	NAME/KEY: Coding Sequence	
	LOCATION: 44...1273	
	US-08-725-758A-3	
	Query Match	74.5%; Score 16.4; DB 3; Length 1273;
	Best Local Similarity	94.4%; Pred. No. 95;
	Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	1 TGAGAGAGTTCTGGGTGT 18	
DB	372 TGAGAGAGTTCGCGGTGT 389	

Db 372 TGAGAGAGTTCGGGTGT 389
|||||

RESULT 5

US-09-735-251-1
; Sequence 1, Application US/09735251
; Patent No. 6750323
; GENERAL INFORMATION:
; APPLICANT: Reed, Guy
; TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; APPLICATION DATA:
; APPLICATION NUMBER: US/09/735,251
; FILING DATE: 12-Dec-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,758A
; FILING DATE: 04-OCT-1996
; APPLICATION NUMBER: 60/005,074
; FILING DATE: 06-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Jania K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 05433/020001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1373 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 44...1321
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-735-251-1

Query Match 74.5%; Score 16.4; DB 4; Length 1373;
Best Local Similarity 94.4%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCGGGTGT 18
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Db 372 TGAGAGAGTTCGGGTGT 389

RESULT 6

US-09-919-039-373/c
; Sequence 373, Application US/09919039
; Patent No. 6727066
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 373
; LENGTH: 3128
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6727066 1102297.22
US-09-919-039-373

Query Match 74.5%; Score 16.4; DB 4; Length 3128;
Best Local Similarity 94.4%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCGGGTGT 18
|||||

Db 950 TGAGAGAGTTCGGGTGT 933

RESULT 7

US-09-621-976-788/c
; Sequence 788, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 788
; LENGTH: 618
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 306..617
US-09-621-976-788

Query Match 73.6%; Score 16.2; DB 4; Length 618;
Best Local Similarity 85.7%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCGGGTGTCT 21
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Db 540 TCAGAGGTTCTCGGTGTCT 520

RESULT 8

US-09-248-796A-3697
; Sequence 3697, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstein et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 3697
; LENGTH: 1449
; TYPE: DNA

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; ORGANISM: Candida albicans
US-09-248-796A-3697

Query Match      73.6%; Score 16.2; DB 4; Length 1449;
Best Local Similarity 85.7%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
Db 210 TGAGAAAGTTTGGGTGACCT 230

RESULT 9
US-08-916-901-6
; Sequence 6, Application US/08916901
; Patent No. 5892012
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Corley, Neil C.
; APPLICANT: Shah, Purvi
; TITLE OF INVENTION: RAB PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,901
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0367 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2713 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-916-901-6

Query Match      73.6%; Score 16.2; DB 2; Length 2713;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
Db 2401 TGAGTGAGTTTGGATGTCCT 2421

RESULT 10
US-09-154-602-6
; Sequence 6, Application US/09154602
; Patent No. 6300472
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Corley, Neil C.
; APPLICANT: Corley, Neil C.

; APPLICANT: Shah, Purvi
; TITLE OF INVENTION: RAB PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,901
; FILING DATE: Filled Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0367 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2713 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-916-901-6

Query Match      73.6%; Score 16.2; DB 2; Length 2713;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
Db 2401 TGAGTGAGTTTGGATGTCCT 2421

RESULT 11
US-09-270-767-12625/c
; Sequence 12625, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 12625
; LENGTH: 1334
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-12625

Query Match      72.7%; Score 16; DB 4; Length 1334;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 AGAGAGTTCTGGGTGT 18
Db 957 AGAGAGTTCTGGGTGT 942

RESULT 12
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US-09-313-294A-5461/C
; Sequence 5461, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 5461
; LENGTH: 274
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. 6476212 700350185H1
US-09-313-294A-5461

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Query Match	71.8%	Score 15.8;	DB 4;	Length 274;
Best Local Similarity	69.5%;	Pred. No.	1.6e+00;	
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	1	TGAGAGAGTTCTCGGGTCTC	19	
Dd	36	TGATAGAGTTCTCGGTGCC	18	

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RESULT 13
US-09-313-294A-4815/c
; Sequence 4815, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 4815
; LENGTH: 283
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6476212 700349077H1
; NAME/KEY: unsure
; LOCATION: 14, 132
; OTHER INFORMATION: a, t, c, g, or other
US-09-313-294A-4815

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Query Match	71.8%;	Score 15.9;	DB 4;	Length 283;
Best Local Similarity	89.5%;	Pred. No. 1.6e+02;		
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	1	TGAGAGAGTTCTGGGTGC	19	
Db	259	TGATAGAGTTCTGGGTGC	241	

RESULT 14
US-09-313-294A-809/c
; Sequence 809, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Laigudi, Raghunath V.
; APPLICANT: Ito, Laura Y.

```

; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 809
; LENGTH: 288
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID NO. 6476212 700549871H1
US-313-294A-809

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Query Match	71.8%	Score 15.8	DB 4	Length 288
Best Local Similarity	89.5%	Pred. No. 1.6e+02		
Matches 17	Conservative 0	Mismatches 2	Indels 0	Gaps 0

QY 1 TGAGAGAGTTCTGGGTGC 19
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Db 287 TGATAGAGTTCTGGGTGC 269

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RESULT 15
US-09-313-294A-2911/c
; Sequence 2911, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ico, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313-294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 2911
; LENGTH: 288
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6476212
US-09-313-294A-2911

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Query Match	71.8%	Score 15.8;	DB 4;	Length 288;
Best Local Similarity	89.5%;	Pred. No. 1.6e+02;		
Matches 17;	Conservative	0;	Mismatches 2;	Indels 0;
				Caps 0;

Qy 1 TGAGAGAGTTCTGGGTGTC 19
Db 260 TGATAGAGTTCTGGGTGTC 242

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 21.2966 Seconds
(without alignments)
5834.821 Million cell updates/sec

Title: US-09-939-853A-142

Perfect score: 22

Sequence: 1 ttagagagttctgggtctcta 22

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Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
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- 19: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
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- 21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22	100.0	22	11	US-09-939-853A-142
2	22	100.0	864	10	US-09-814-353-21302
3	22	100.0	1183	11	US-09-939-853A-74
4	22	100.0	1183	11	US-09-939-853A-76
5	20.4	92.7	763	9	US-09-867-550-953
6	18.4	83.6	51323	18	US-10-417-375-135
7	17.8	80.9	2064	16	US-10-108-260A-1362
8	17.8	80.9	57347	17	US-10-322-281-317
9	17.4	79.1	368	18	US-10-723-860-167
10	17.4	79.1	2442	16	US-10-080-334-85
11	17.4	79.1	2442	16	US-10-336-472-121
12	17.4	79.1	2466	16	US-10-159-563-396

13	17.4	79.1	2469	16	US-10-336-472-123	Sequence 123, App
14	17.4	79.1	2789	15	US-10-274-639-22	Sequence 22, Appl
15	17.4	79.1	2789	16	US-10-333-574-22	Sequence 22, Appl
16	17.4	79.1	3327	14	US-10-116-802-87	Sequence 87, Appl
17	17.2	78.2	545	13	US-10-027-632-284738	Sequence 284738, App
18	17.2	78.2	545	15	US-10-027-632-284738	Sequence 284738, App
19	17.2	78.2	641	13	US-10-027-632-131511	Sequence 131511, App
20	17.2	78.2	641	15	US-10-027-632-131511	Sequence 131511, App
21	17.2	78.2	904	13	US-10-027-632-131512	Sequence 131512, App
22	17.2	78.2	904	15	US-10-027-632-131512	Sequence 131512, App
23	17.2	78.2	1163	16	US-10-282-122A-37180	Sequence 37180, A
24	17.2	78.2	1182	16	US-10-282-122A-38988	Sequence 38988, A
25	17.2	78.2	1182	16	US-10-282-122A-39447	Sequence 39447, A
26	17.2	78.2	1185	16	US-10-282-122A-23260	Sequence 23260, A
27	16.8	76.4	791	16	US-10-425-114-35777	Sequence 35777, A
28	16.8	76.4	1980	18	US-10-425-115-14564	Sequence 14564, A
29	16.8	76.4	2394	15	US-10-104-047-1043	Sequence 1043, App
30	16.8	76.4	28772	18	US-10-723-860-2704	Sequence 2704, App
31	16.8	76.4	310692	16	US-10-428-487-11	Sequence 11, Appl
32	16.8	76.4	831	16	US-10-367-094-195	Sequence 195, App
33	16.4	74.5	831	16	US-10-425-114-17685	Sequence 17685, A
34	16.4	74.5	1191	16	US-10-264-237-915	Sequence 915, App
35	16.4	74.5	1357	10	US-09-890-688-85	Sequence 85, Appl
36	16.4	74.5	1621	9	US-09-729-674-171	Sequence 171, App
37	16.4	74.5	2200	16	US-10-108-260A-1744	Sequence 1744, App
38	16.4	74.5	2230	16	US-10-425-114-9753	Sequence 9753, App
39	16.4	74.5	2560	16	US-10-424-599-130837	Sequence 130837, App
40	16.4	74.5	3128	10	US-09-919-039-373	Sequence 373, App
41	16.4	74.5	3128	15	US-10-101-510-583	Sequence 583, App
42	16.4	74.5	3986	18	US-10-357-930-22937	Sequence 22937, A
43	16.4	74.5	3986	18	US-10-357-930-28798	Sequence 28798, A
44	16.4	74.5	27684	15	US-10-034-650-28	Sequence 28, Appl
45	16.4	74.5	49589	17	US-10-322-281-814	Sequence 814, App

ALIGNMENTS

RESULT 1

US-09-939-853A-142
; Sequence 142, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1e1 Proteins and Nucleic Acids Encoding Same
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-142

Query Match 100.0%; Score 22; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 0.48;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCTGGGTCTCTTA 22
|||||

us-09-939-853a-142.rnpb

Mon Jan 3 11:32:09 2005

```

; ORGANISM: Homo sapiens
US-09-939-853A-74

Query Match      100.0%; Score 22; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0.5;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCTA 22
   |||||
Db 224 TGAGAGAGTTCTGGGTGTCCTA 245

RESULT 4
US-09-939-853A-76/c
; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-76

Query Match      100.0%; Score 22; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0.5;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCTA 22
   |||||
Db 960 TGAGAGAGTTCTGGGTGTCCTA 939

RESULT 5
US-09-867-550-953
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953

Query Match      92.7%; Score 20.4; DB 9; Length 763;

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Best Local Similarity 95.5%; Pred. No. 3.1;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCTA 22
|||||
Db 112 TGAGAGAGTTCTGGGTGTCCTA 133

RESULT 6
US-10-417-375-135
; Sequence 135, Application US/10417375
; Publication No. US20040219528A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc Malandro
; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
; FILE REFERENCE: 529452001600
; CURRENT APPLICATION NUMBER: US/10/417,375
; CURRENT FILING DATE: 2003-04-15
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 51323
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-417-375-135

Query Match 83.6%; Score 18.4; DB 18; Length 51323;
Best Local Similarity 95.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 20
|||||
Db 27564 TGAGAGAGTTCTGGGTGTCCT 27583

RESULT 7
US-10-108-260A-1362/c
; Sequence 1362, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 1362
; LENGTH: 2064
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-108-260A-1362

Query Match 80.9%; Score 17.8; DB 16; Length 2064;
Best Local Similarity 90.5%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
|||||
Db 159 TGAGAGAGTTCTGGGTGTCCT 139

RESULT 8
US-10-322-281-317
; Sequence 317, Application US/10322281
; Publication No. US20040126762A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001000
; CURRENT APPLICATION NUMBER: US/10/322,281

; CURRENT FILING DATE: 2002-12-17
; NUMBER OF SEQ ID NOS: 866
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 57347
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) -- (57347)
; OTHER INFORMATION: n = A,T,C or G
US-10-322-281-317

Query Match 80.9%; Score 17.8; DB 17; Length 57347;
Best Local Similarity 90.5%; Pred. No. 62;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
|||||
Db 19344 TGAGAGAGTTCTGGGAGCCCT 19364

RESULT 9
US-10-723-860-167
; Sequence 167, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods for Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 167
; LENGTH: 368
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (368)..(368)
; OTHER INFORMATION: n is a, c, g, or t
US-10-723-860-167

Query Match 79.1%; Score 17.4; DB 18; Length 368;
Best Local Similarity 94.7%; Pred. No. 94;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGGTGTCCTA 22
|||||
Db 176 GAGAGTTCTGGGTGTCCTA 194

RESULT 10
US-10-080-334-85
; Sequence 85, Application US/10080334
; Publication No. US20040002584A1
; GENERAL INFORMATION:
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shimkets, Richard A
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gusev, Vladimir Y
```

APPLICANT: Casman, Stacie J
APPLICANT: Boldog, Ferenc L
APPLICANT: Furtak, Katarzyna
APPLICANT: Tchernev, Velizar T
APPLICANT: Patturajan, Meera
APPLICANT: Gangolli, Esha A
APPLICANT: Padigar, Muralidhara
APPLICANT: Liu, Xiaohong
APPLICANT: Baumgartner, Jason C.
APPLICANT: Gerlach, Valerie
APPLICANT: Spaderna, Steven K
APPLICANT: Zerhusen, Bryan D
TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
TITLE OF INVENTION: Using the Same
FILE REFERENCE: 21402-275
CURRENT APPLICATION NUMBER: US/10/080,334
CURRENT FILING DATE: 2002-02-21
PRIOR FILING DATE: 2002-02-21
PRIOR FILING DATE: 2001-02-21
PRIOR FILING DATE: 2001-02-21
PRIOR FILING DATE: 2001-09-17
PRIOR FILING DATE: 2001-08-13
PRIOR FILING DATE: 2001-08-13
PRIOR FILING DATE: 2001-10-18
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-04-04
PRIOR FILING DATE: 2001-03-16
PRIOR FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-02-21
PRIOR FILING DATE: 2001-02-21
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-09-10
PRIOR FILING DATE: 2001-04-25
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-02-23
PRIOR FILING DATE: 2001-03-16
PRIOR FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 85
LENGTH: 2442
TYPE: DNA
ORGANISM: Homo sapiens
US-10-080-334-85

Query Match 79.1%; Score 17.4; DB 16; Length 2442;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTTCTGGTCTCCTA 22
|||||
Db 1116 GAGAGTTCTGGATCTCCTA 1134

RESULT 11
US-10-336-472-121
Sequence 121, Application US/10336472
Publication No. US20040043929A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W.
APPLICANT: Ballinger, Robert A.

APPLICANT: Baumgartner, Jason C.
APPLICANT: Burgess, Catherine E.
APPLICANT: Casman, Stacie J.
APPLICANT: Chant, John S.
APPLICANT: Berghs, Constance
APPLICANT: Gangolli, Esha A.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Ellerman, Karen
APPLICANT: Furtak, Katarzyna
APPLICANT: Gerlach, Valerie
APPLICANT: Gilbert, Jennifer A.
APPLICANT: Gunther, Erik
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Ji, Weizhen
APPLICANT: Li, Li
APPLICANT: Liu, Xiaohong
APPLICANT: Miller, Charles E.
APPLICANT: Millet, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R.
APPLICANT: Mishra, Vishnu
APPLICANT: Pena, Carol E.A.
APPLICANT: Spaderna, Steven K.
APPLICANT: Shinkets, Richard A.
APPLICANT: Smithson, Glennda
APPLICANT: Spytek, Kimberly A.
APPLICANT: Stone, David J.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Ort, Tatiana
APPLICANT: Taupier Jr, Raymond J.
APPLICANT: Tchernev, Velizar T.
APPLICANT: Vernet, Corine A.M.
APPLICANT: Wolenc, Adam R.
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-533C
CURRENT APPLICATION NUMBER: US/10/336,472
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 09/746,491
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 10/005,041
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 10/023,681
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 10/024,212
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 10/055,569
PRIOR FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: 10/080,334
PRIOR FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/092,900
PRIOR FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: 10/136,826
PRIOR FILING DATE: 2002-05-01
PRIOR APPLICATION NUMBER: 10/236,417
PRIOR FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: 60/345,092
PRIOR FILING DATE: 2002-01-04
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 230
SOFTWARE: Curaseqlist version 0.1
SEQ ID NO 121
LENGTH: 2442
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (77) .. (2395)
US-10-336-472-121

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Query Match          79.1%; Score 17.4; DB 16; Length 2442;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGTGTCCTA 22
   ||||| ||||| |||||
Db 1116 GAGAGTTCTGGATGTCCTA 1134

RESULT 12
US-10-159-563-396
; Sequence 396, Application US/10159563
; Publication No. US20040009154A1
; GENERAL INFORMATION:
; APPLICANT: Khan, Javed
; APPLICANT: Ringner, Markus
; APPLICANT: Peterson, Carsten
; APPLICANT: Meltzer, Paul
; TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
; TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
; FILE REFERENCE: 11613.56US11
; CURRENT APPLICATION NUMBER: US/10/159,563
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 10/133,937
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 396
; LENGTH: 2466
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-563-396

Query Match          79.1%; Score 17.4; DB 16; Length 2466;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGTGTCCTA 22
   ||||| ||||| |||||
Db 1184 GAGAGTTCTGGATGTCCTA 1202

RESULT 13
US-10-336-472-123
; Sequence 123, Application US/10336472
; Publication No. US20040043929A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W.
; APPLICANT: Ballinger, Robert A.
; APPLICANT: Baumgartner, Jason C.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Chant, John S.
; APPLICANT: Berghs, Constance
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gilbert, Jennifer A.
; APPLICANT: Gunther, Erik
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Ji, Weizhen
; APPLICANT: Li, Li
; APPLICANT: Liu, Xiaohong
; APPLICANT: Miller, Charles E.
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R.
```

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; APPLICANT: Mishra, Vishnu
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Smithson, Glennnda
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Stone, David J.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Ort, Tatiana
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-533C
; CURRENT APPLICATION NUMBER: US/10/336,472
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 09/746,491
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 10/005,041
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 10/023,681
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: 10/024,212
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: 10/055,569
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: 10/080,334
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/092,900
; PRIOR FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: 10/136,826
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: 10/236,417
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: 60/345,092
; PRIOR FILING DATE: 2002-01-04
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 230
; SOFTWARE: CuraSeqlist version 0.1
; SEQ ID NO 123
; LENGTH: 2469
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(2463)
US-10-336-472-123

Query Match          79.1%; Score 17.4; DB 16; Length 2459;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGTGTCCTA 22
   ||||| ||||| |||||
Db 1184 GAGAGTTCTGGATGTCCTA 1202

RESULT 14
US-10-274-639-22
; Sequence 22, Application US/10274639
; Publication No. US2003023249A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: DELEGANE, Angelo M.; GANDHI, Ameena R.
; APPLICANT: HAFALIA, April J.A.; LU, Dying Aina M.
; APPLICANT: PATTERSON, Chandra; TRIBOULEY, Catherine M.
; APPLICANT: DAS, Debopriya; KALBUICK, Deborah A.
; APPLICANT: NGUYEN, Danniell B.; LEE, Ernestine A.
; APPLICANT: KHAN, Farrah A.; YUE, Henry
; APPLICANT: AU-YOUNG, Janice K.; GRIFFIN, Jennifer A.
```

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; APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi
; APPLICANT: YANG, Junming; THANGAVELU, Kavitha
; APPLICANT: DING, Li; KEARNEY, Liam
; APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.
; APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.
; APPLICANT: BURFORD, Neil; WALIA, Narinder K.
; APPLICANT: LAL, Preeti G.; LEE, Sally
; APPLICANT: TODD, Stephen; LO, Terence P.
; APPLICANT: TANG, Y. Tom; ELLIOTT, Vicki S.
; APPLICANT: AZIMZAI, Valda; LU, Yan
; TITLE OF INVENTION: PROTEASES
; FILE REFERENCE: PI-0167 USA
; CURRENT APPLICATION NUMBER: US/10/274,639
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: PCT/US01/22397
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/220,063
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/221,680
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,544
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: US 60/224,717
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 60/225,988
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: US 60/227,568
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 22
; LENGTH: 2789
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 5155802CB1
; US-10-333-574-22

Query Match          79.1%; Score 17.4; DB 15; Length 2789;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 GAGAGTTCTGGGTGCTCTA 22
        |||||
DB      1342 GAGAGTTCTGGGTGCTCTA 1360

Search completed: December 30, 2004, 13:23:51
Job time : 24.7966 secs

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; APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi
; APPLICANT: YANG, Junming; THANGAVELU, Kavitha
; APPLICANT: DING, Li; KEARNEY, Liam
; APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.
; APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.
; APPLICANT: BURFORD, Neil; WALIA, Narinder K.
; APPLICANT: LAL, Preeti G.; LEE, Sally
; APPLICANT: TODD, Stephen; LO, Terence P.
; APPLICANT: TANG, Y. Tom; ELLIOTT, Vicki S.
; APPLICANT: AZIMZAI, Valda; LU, Yan
; TITLE OF INVENTION: PROTEASES
; FILE REFERENCE: PI-0167 USA
; CURRENT APPLICATION NUMBER: US/10/274,639
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: PCT/US01/22397
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/220,063
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/221,680
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,544
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: US 60/224,717
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 60/225,988
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: US 60/227,568
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 22
; LENGTH: 2789
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030232349A1 5155802CB1
; US-10-274-639-22

Query Match          79.1%; Score 17.4; DB 15; Length 2789;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 GAGAGTTCTGGGTGCTCTA 22
        |||||
DB      1342 GAGAGTTCTGGGTGCTCTA 1360

RESULT 15
US-10-333-574-22
; Sequence 22, Application US/10333574
; Publication No. US20040091962A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: DELEGEANE, Angelo M.; GANDHI, Ameena R.
; APPLICANT: HAFALIA, April J.A.; LU, Dyung Aina M.
; APPLICANT: ARVIZU, Chandra S.; TRIBOULEY, Catherine M.
; APPLICANT: DAS, Debopriya; KALLICK, Deborah A.
; APPLICANT: NGUYEN, Damiel B.; LEE, Ernestine A.
; APPLICANT: KHAN, Farrah A.; YUE, Henry
; APPLICANT: AU-YOUNG, Janice K.; GRIFFIN, Jennifer A.
; APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi
; APPLICANT: YANG, Junming; THANGAVELU, Kavitha
; APPLICANT: DING, Li; KEARNEY, Liam
; APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.
; APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.
; APPLICANT: BURFORD, Neil; CHAWLA, Narinder K.
; APPLICANT: LAL, Preeti G.; LEE, Sally
; APPLICANT: TODD, Stephen; LO, Terence P.
; APPLICANT: TANG, Y. Tom; ELLIOTT, Vicki S.
; APPLICANT: AZIMZAI, Valda; LU, Yan
; TITLE OF INVENTION: PROTEASES
; FILE REFERENCE: PI-0167 USN

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ALIGNMENTS

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RESULT 1
US-09-513-999C-25546/c
; Sequence 25546, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487

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; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 25546
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-25546

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RESULT 2
US-09-621-976-10381
; Sequence 10381, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET 054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 10381
; LENGTH: 539
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-10381

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RESULT 3
US-08-707-793A-3
; Sequence 3, Application US/08707793A
; Patent No. 5776696
; GENERAL INFORMATION:
; APPLICANT: SALOWE, SCOTT P.
; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
; TITLE OF INVENTION: FUSION PROTEINS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/707,793A
; FILING DATE: 04-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

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; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Camara, Valerie J
; REGISTRATION NUMBER: 35,090
; REFERENCE/DOCKET NUMBER: 19494
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3902
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 675 base pairs
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-707-792A-3
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Best Local Similarity 100.0%; Pred. No. 5;
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RESULT 4
US-08-707-792A-3
; Sequence 3, Application US/08707792A
; Patent No. 5783398
; GENERAL INFORMATION:
; APPLICANT: MARCY, ALICE
; APPLICANT: SALOWE, SCOTT P.
; APPLICANT: WISNIEWSKI, DOUGLAS
; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
; TITLE OF INVENTION: FUSION PROTEINS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/707,792A
; FILING DATE: 04-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Camara, Valerie J
; REGISTRATION NUMBER: 35,090
; REFERENCE/DOCKET NUMBER: 19524
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3902
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 675 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA

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US-08-707-792A-3
Query Match 1.7%; Score 20; DB 1; Length 675;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
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RESULT 5
US-09-016-434-1452
; Sequence 1452, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSER: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,434
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0002 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1452:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g775207
US-09-016-434-1452
Query Match 1.7%; Score 20; DB 4; Length 2129;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
DB 508 CCTTCCTCATCCGGGAGGC 527

RESULT 6
US-09-751-389-3
; Sequence 3, Application US/09751389
; Patent No. 6630334
; GENERAL INFORMATION:

```

APPLICANT: GUEGLER, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
FILE REFERENCE: CL001067
CURRENT APPLICATION NUMBER: US/09/751,389
CURRENT FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 786431
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc feature
LOCATION: (1) .. (786431)
OTHER INFORMATION: n = A,T,C or G
US-09-751-389-3

Query Match 1.7%; Score 20; DB 4; Length 786431;
Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 693 TGACGAGGAGAAACACAG 712
Db 412751 TGACGAGGAGAAACACAG 412770

RESULT 7
US-09-579-182-2
Sequence 2, Application US/09579182
Patent No. 6500628
GENERAL INFORMATION:
APPLICANT: Robison, Keith E.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE AND
NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE AND
TITLE OF INVENTION: PHOSPHATASE HOMOLOGUES AND USES THEREFOR
FILE REFERENCE: MNI-161
CURRENT APPLICATION NUMBER: US/09/579,182
CURRENT FILING DATE: 2000-05-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 1467
TYPE: DNA
ORGANISM: Homo sapiens
US-09-579-182-2

Query Match 1.6%; Score 19; DB 4; Length 1467;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCTTCCTCATCCGG 760
Db 423 AGGGGCTTCCTCATCCGG 441

RESULT 8
US-09-099-053-1
Sequence 1, Application US/09099053
Patent No. 6388063
GENERAL INFORMATION:
APPLICANT: Greg Plowman
APPLICANT: Susan Onrust
APPLICANT: David Markby
APPLICANT: Sara Courtneidge
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: SAD RELATED DISORDERS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,053
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/049,914
FILING DATE: June 18, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 235/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1548 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-099-053-1

Query Match 1.6%; Score 19; DB 3; Length 1548;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCTTCCTCATCCGG 760
Db 471 AGGGGCTTCCTCATCCGG 489

RESULT 9
US-09-016-434-1101
Sequence 1101, Application US/09016434
Patent No. 6500938
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

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; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0002 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2771 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: GI256002
US-09-016-434-1101

Query Match          1.6%; Score 19; DB 4; Length 2771;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 585 CTGAGGATGGAGCTGGTG 603
Db 1305 CTGAGGATGGAGCTGGTG 1323

RESULT 10
US-09-513-999C-32749
; Sequence 32749, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59 US2 REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 32749
; LENGTH: 438
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 149
; OTHER INFORMATION: y=c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 150
; OTHER INFORMATION: b=c or g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 296
; OTHER INFORMATION: n=a, g, c or t
US-09-513-999C-32749

Query Match          1.5%; Score 18; DB 4; Length 438;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 696 GCAGGGGAGAAAGCAGAGG 713
Db 38 GCAGGGGAGAAAGCAGAGG 55

RESULT 11
US-09-270-767-2166/c
; Sequence 2166, Application US/09270767
; Patent No. 6703491

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; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2166
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-2166

Query Match          1.5%; Score 18; DB 4; Length 768;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 CAGCGTCCACGTGGGCAA 663
Db 187 CAGCGTCCACGTGGGCAA 170

RESULT 12
US-09-270-767-17448/c
; Sequence 17448, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17448
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-17448

Query Match          1.5%; Score 18; DB 4; Length 768;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 CAGCGTCCACGTGGGCAA 663
Db 187 CAGCGTCCACGTGGGCAA 170

RESULT 13
US-09-774-528-216
; Sequence 216, Application US/09774528
; Patent No. 6743619
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Feiyan
; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Yang, Yonghong
; APPLICANT: Xue, Aidong J.
; APPLICANT: Wehrman, Tom
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Wang, Dunrui
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6743619el Nucleic Acids and
; FILE REFERENCE: Polypeptides
; CURRENT APPLICATION NUMBER: US/09/774,528

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; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 441
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 216
; LENGTH: 1194
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(648)
US-09-774-528-216

Query Match 1.5%; Score 18; DB 4; Length 1194;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 541 GGCCGAGCTGCGCTGAG 558
Db 111 GGCCGAGCTGCGCTGAG 128

RESULT 14

US-09-187-331-4
; Sequence 4, Application US/09187331
; Patent No. 6043056
; GENERAL INFORMATION:
; APPLICANT: Yue, Henry
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Gorgone, Gina A.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
; FILE REFERENCE: PF-0631 US
; CURRENT APPLICATION NUMBER: US/09/187.331
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PERL Program
; SEQ ID NO 4
; LENGTH: 1438
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: 2705267
US-09-187-331-4

Query Match 1.5%; Score 18; DB 3; Length 1438;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGAC 1156
Db 855 TACATCAGCCTGAATGAC 872

RESULT 15

US-09-470-946-4
; Sequence 4, Application US/09470946
; Patent No. 6358923
; GENERAL INFORMATION:
; APPLICANT: Yue, Henry
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Gorgone, Gina A.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
; FILE REFERENCE: PF-0631 US
; CURRENT APPLICATION NUMBER: US/09/470.946
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: US 09/187.331
; EARLIER FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PERL Program
; SEQ ID NO 4

; LENGTH: 1438
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: 2705267
US-09-470-946-4

Query Match 1.5%; Score 18; DB 3; Length 1438;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGAC 1156
Db 855 TACATCAGCCTGAATGAC 872

RESULT 16

US-09-318-448-8
; Sequence 8, Application US/09318448
; Patent No. 6210950
; GENERAL INFORMATION:
; APPLICANT: Johnson, William G.
; APPLICANT: Stenroos, Edward S.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: DEVELOPMENTAL DISORDERS
; FILE REFERENCE: 601-1-057
; CURRENT APPLICATION NUMBER: US/09/318.448
; CURRENT FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 1669
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-318-448-8

Query Match 1.5%; Score 18; DB 3; Length 1669;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 416 AGAAGAAAATCTCTGCCA 433
Db 494 AGAAGAAAATCTCTGCCA 511

RESULT 17

US-09-276-531-78/c
; Sequence 78, Application US/09276531
; Patent No. 6183968
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Yue, Henry
; APPLICANT: Reddy, Roopa
; APPLICANT: Guegler, Karl J.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING
; TITLE OF INVENTION: RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/276,531
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 60/079,677
FILING DATE: March 27, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lynn E. Murry, Ph.D.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PA-0008 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 3090 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: BRAINOT14
CLONE: 1595762
US-09-276-531-78

Query Match 1.5%; Score 18; DB 3; Length 3090;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1093 GGAGGAGTCTCTTCTCAG 1110
Db 398 GGAGGAGTCTCTTCTCAG 381

RESULT 18

US-10-140-002-405/c
Sequence 405, Application US/10140002
Patent No. 6725730
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330RIC59
CURRENT APPLICATION NUMBER: US/10/140,002
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 405
LENGTH: 3819
TYPE: DNA
ORGANISM: Homo Sapien
US-10-140-002-405

Query Match 1.5%; Score 18; DB 4; Length 3819;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1093 GGAGGAGTCTCTTCTCAG 1110
Db 1081 GGAGGAGTCTCTTCTCAG 1064

RESULT 19

US-09-799-451-474
Sequence 474, Application US/09799451
Patent No. 6783969
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
APPLICANT: Asundi, Vinod
APPLICANT: Ren, Feiyan
APPLICANT: Zhang, Jie
APPLICANT: Xue, Aidong J.
APPLICANT: Zhao, Qing A.
APPLICANT: Wang, Jian-Rui
APPLICANT: Ma, Yuning
APPLICANT: Yamazaki, Victoria
APPLICANT: Chen, Rui-hong
APPLICANT: Wang, Zhiwei
APPLICANT: Wang, Dunrui
APPLICANT: Yang, Yonghong
APPLICANT: Wehrman, Tom
APPLICANT: Ghosh, Reena
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. 6783969el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 803
CURRENT APPLICATION NUMBER: US/09/799,451
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 948
SOFTWARE: pt_FL_genes Version 2.0
SEQ ID NO 474
LENGTH: 5246
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (120)..(5243)
US-09-799-451-474

Query Match 1.5%; Score 18; DB 4; Length 5246;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 295 TGTCCAGCCAGCATGC 312
Db 3820 TGTCCAGCCAGCATGC 3837

RESULT 20

US-09-851-896-3
Sequence 3, Application US/09851896
Patent No. 6410325
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0220
CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 3
LENGTH: 70000
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-851-896-3

Query Match 1.5%; Score 18; DB 4; Length 70000;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 455 GTCCAAGCCAGGACCT 472
Db 60708 GTCCAAGCCAGGACCT 60725

RESULT 21

US-09-046-479-1/C
; Sequence 1, Application US/09046479
; Patent No. 6291653
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Deisher, Theresa A.
; TITLE OF INVENTION: MOTILIN HOMOLOGS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/046.479
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sawislak, Deborah A.
; REGISTRATION NUMBER: 37,438
; REFERENCE/DOCKET NUMBER: 97-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6672
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...351
; OTHER INFORMATION:
; NAME/KEY: sig_peptide
; LOCATION: 1...69
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: 70...351
; OTHER INFORMATION:

Query Match 1.4%; Score 17; DB 3; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGGACGTC 312
Db 57 GTCCAGCCAGGACGTC 41

RESULT 22

US-08-822-897C-1/c
; Sequence 1, Application US/08822897C
; Patent No. 6380158
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Deisher, Theresa A.
; TITLE OF INVENTION: MOTILIN HOMOLOGS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822.897C
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sawislak, Deborah A.
; REGISTRATION NUMBER: 37,438
; REFERENCE/DOCKET NUMBER: 97-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6672
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...351
; OTHER INFORMATION:
; NAME/KEY: sig_peptide
; LOCATION: 1...69
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: 70...351
; OTHER INFORMATION:

Query Match 1.4%; Score 17; DB 3; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGGACGTC 312
Db 57 GTCCAGCCAGGACGTC 41

RESULT 23

US-09-608-810A-3/C
; Sequence 3, Application US/09608810A
; Patent No. 6420521
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Deisher, Theresa A.

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Mon Jan 3 11:32:11 2005

; APPLICANT: Bishop, Paul D.
 ; TITLE OF INVENTION: SGLP PEPTIDES
 ; FILE REFERENCE: 99-51
 ; CURRENT APPLICATION NUMBER: US/09/608,810A
 ; CURRENT FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: 60/141,592
 ; PRIOR FILING DATE: 1999-06-30
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 3
 ; LENGTH: 351
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)...(351)
 ; NAME/KEY: sig_peptide
 ; LOCATION: (1)...(69)
 ; NAME/KEY: mat_peptide
 ; LOCATION: (70)...(351)
 ; US-09-608-810A-3

Query Match 1.4%; Score 17; DB 4; Length 351;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 296 GTCCAGCCAGCATGC 312
 Db 57 GTCCAGCCAGCATGC 41

RESULT 24
 US-09-404-417A-1/c
 ; Sequence 1, Application US/09404417A
 ; Patent No. 6627729
 ; GENERAL INFORMATION:
 ; APPLICANT: Sheppard, Paul O.
 ; APPLICANT: Deisher, Theresa A.
 ; APPLICANT: Jaspers, Stephen R.
 ; TITLE OF INVENTION: TML PEPTIDES
 ; FILE REFERENCE: 97-04C1
 ; CURRENT APPLICATION NUMBER: US/09/404,417A
 ; CURRENT FILING DATE: 1999-09-23
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 351
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)...(351)
 ; US-09-404-417A-1

Query Match 1.4%; Score 17; DB 4; Length 351;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 296 GTCCAGCCAGCATGC 312
 Db 57 GTCCAGCCAGCATGC 41

RESULT 25
 US-09-252-991A-6817/c
 ; Sequence 6817, Application US/09252991A
 ; Patent No. 6551795
 ; GENERAL INFORMATION:
 ; APPLICANT: Marc J. Rubenfield et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 ; FILE REFERENCE: 107196.136
 ; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18
 ; PRIOR APPLICATION NUMBER: US 60/074,788
 ; PRIOR FILING DATE: 1998-02-18
 ; PRIOR APPLICATION NUMBER: US 60/094,190
 ; PRIOR FILING DATE: 1998-07-27
 ; NUMBER OF SEQ ID NOS: 33142
 ; SEQ ID NO 6817
 ; LENGTH: 435
 ; TYPE: DNA
 ; ORGANISM: Pseudomonas aeruginosa
 ; US-09-252-991A-6817
 Query Match 1.4%; Score 17; DB 4; Length 435;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 692 CTGAGCAGGGAGAAAGC 708
 Db 427 CTGAGCAGGGAGAAAGC 411

RESULT 26
 US-09-222-575-172
 ; Sequence 172, Application US/09222575
 ; Patent No. 6387697
 ; GENERAL INFORMATION:
 ; APPLICANT: Yuqiu, Jjiang
 ; APPLICANT: Dillon, Davin C.
 ; APPLICANT: Mitcham, Jennifer L.
 ; APPLICANT: Xu, Jjiangchun
 ; TITLE OF INVENTION: Compositions for the Treatment and Diagnosis of Breast Cancer
 ; FILE REFERENCE: 210121.470
 ; CURRENT APPLICATION NUMBER: US/09/222,575
 ; CURRENT FILING DATE: 1998-12-28
 ; NUMBER OF SEQ ID NOS: 174
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 172
 ; LENGTH: 439
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: (19)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (375)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (388)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (390)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (395)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (409)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (426)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; NAME/KEY: modified_base
 ; LOCATION: (434)
 ; OTHER INFORMATION: Where n is a, c, g or t
 ; US-09-222-575-172

Query Match 1.4%; Score 17; DB 3; Length 439;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 750 TCCTCATCCGGAGAGC 766

Db 80 TCCTCATCCGGGAGGC 96
|||||

RESULT 27
US-09-389-681-172
; Sequence 172, Application US/09389681A
; Patent No. 6518237
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiong
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; FILE REFERENCE: 210121.470C3
; CURRENT APPLICATION NUMBER: US/09/389,681A
; CURRENT FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-389-681-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 80 TCCTCATCCGGGAGGC 96

RESULT 28
US-09-620-405B-172
; Sequence 172, Application US/09620405B
; Patent No. 6528054
; GENERAL INFORMATION:
; APPLICANT: Jiong, Yuqiu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.470C8
; CURRENT APPLICATION NUMBER: US/09/620,405B
; CURRENT FILING DATE: 2000-07-20
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-620-405B-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||

Db 80 TCCTCATCCGGGAGGC 96

RESULT 29
US-09-339-338-172
; Sequence 172, Application US/09339338A
; Patent No. 6573368
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiong
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; FILE REFERENCE: 210121.470C2
; CURRENT APPLICATION NUMBER: US/09/339,338A
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-339-338-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 80 TCCTCATCCGGGAGGC 96

RESULT 30
US-09-433-826B-172
; Sequence 172, Application US/09433826B
; Patent No. 6579973
; GENERAL INFORMATION:
; APPLICANT: Jiong, Yuqiu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; FILE REFERENCE: 210121.470C4
; CURRENT APPLICATION NUMBER: US/09/433,826B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 474
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-433-826B-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 80 TCCTCATCCGGGAGGC 96

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RESULT 31
US-09-604-287A-172
; Sequence 172, Application US/09604287A
; Patent No. 6586572
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C7
; CURRENT APPLICATION NUMBER: US/09/604,287A
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 489
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-604-287A-172

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 439;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
DB 80 TCCTCATCCGGGAGGC 96

RESULT 32
US-09-285-480-172
; Sequence 172, Application US/09285480
; Patent No. 6590076
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiang
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.470C1
; CURRENT APPLICATION NUMBER: US/09/285,480
; CURRENT FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-285-480-172

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 439;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
DB 80 TCCTCATCCGGGAGGC 96

RESULT 33
US-09-834-759-172
; Sequence 172, Application US/09834759
; Patent No. 6680197
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C9
; CURRENT APPLICATION NUMBER: US/09/834,759
; CURRENT FILING DATE: 2001-04-13
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-834-759-172

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 439;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
DB 80 TCCTCATCCGGGAGGC 96

RESULT 34
US-09-590-751A-172
; Sequence 172, Application US/09590751A
; Patent No. 6756477
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiang
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C6
; CURRENT APPLICATION NUMBER: US/09/590,751A
; CURRENT FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 479
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-590-751A-172

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 439;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
DB 80 TCCTCATCCGGGAGGC 96

```

RESULT 35

US-09-702-705-1598
; Sequence 1598, Application US/09702705
; Patent No. 6504010
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.478C14
; CURRENT APPLICATION NUMBER: US/09/702,705
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 1833
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-702-705-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
|||||
Db 59 TCCTCATCCGGGAGAGC 75

RESULT 36

US-09-736-457-1598
; Sequence 1598, Application US/09736457
; Patent No. 6509448
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; APPLICANT: Wang, Aijun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.478C15
; CURRENT APPLICATION NUMBER: US/09/736,457
; CURRENT FILING DATE: 2000-12-13
; NUMBER OF SEQ ID NOS: 1864
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-736-457-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
|||||
Db 59 TCCTCATCCGGGAGAGC 75

RESULT 37

US-09-614-124B-1598
; Sequence 1598, Application US/09614124B
; Patent No. 6630574
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; FILE REFERENCE: 210121.478C9
; CURRENT APPLICATION NUMBER: US/09/614,124B
; CURRENT FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 1668
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-614-124B-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
|||||
Db 59 TCCTCATCCGGGAGAGC 75

RESULT 38

US-09-671-325-1598
; Sequence 1598, Application US/09671325
; Patent No. 6667154
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.478C12
; CURRENT APPLICATION NUMBER: US/09/671,325
; CURRENT FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 1825
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-671-325-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
|||||
Db 59 TCCTCATCCGGGAGAGC 75

RESULT 39

```
US-09-658-824-1598
; Sequence 1598, Application US/09658824
; Patent No. 6746846
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedvick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; FILE REFERENCE: 210121.478C11
; CURRENT APPLICATION NUMBER: US/09/658,824
; CURRENT FILING DATE: 2000-09-08
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-658-824-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAC 766
Db 59 TCCTCATCCGGGAGAC 75

RESULT 40
US-09-220-132-10
; Sequence 10, Application US/09220132
; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT
; FILE REFERENCE: 07334-07A001
; CURRENT APPLICATION NUMBER: US/09/220,132
; CURRENT FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: US 60/079,303
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: US 60/068,821
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(541)
; OTHER INFORMATION: n = A,T,C or G
US-09-220-132-10

Query Match 1.4%; Score 17; DB 4; Length 541;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAC 766
Db 395 TCCTCATCCGGGAGAC 411

RESULT 41
US-09-621-976-1574
; Sequence 1574, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTS and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 1574
; LENGTH: 566
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 176..439
; NAME/KEY: sig_peptide
; LOCATION: 176..247
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 6.09999990463257
; OTHER INFORMATION: seq AALVSLFAPAAPC/SI
; NAME/KEY: misc_feature
; LOCATION: 525
; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-1574

Query Match 1.4%; Score 17; DB 4; Length 566;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1072 GTTTCTGAAGCTGCCA 1088
Db 505 GTTTCTGAAGCTGCCA 521

RESULT 42
US-09-328-352-1086/c
; Sequence 1086, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 1086
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
US-09-328-352-1086

Query Match 1.4%; Score 17; DB 4; Length 627;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1075 TTCTGAAGCTGCCACAG 1091
Db 117 TTCTGAAGCTGCCACAG 101

RESULT 43
US-09-016-434-1255/c
; Sequence 1255, Application US/09016434
; Patent No. 6500936
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
```

TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1255:
SEQUENCE CHARACTERISTICS:
LENGTH: 651 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: g190878
US-09-016-434-1255

Query Match 1.4%; Score 17; DB 4; Length 651;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
Db 638 TCCTCATCCGGGAGAGC 622

RESULT 44
US-10-140-002-441/c
Sequence 441, Application US/10140002
Patent No. 6725730
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1CS9
CURRENT APPLICATION NUMBER: US/10/140,002
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 441
LENGTH: 654
TYPE: DNA
ORGANISM: Homo Sapien
US-10-140-002-441

Query Match 1.4%; Score 17; DB 4; Length 654;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGAGCATGC 312
Db 232 GTCCAGCCAGAGCATGC 216

RESULT 45
US-09-621-976-87
Sequence 87, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 87
LENGTH: 674
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: 221..673
NAME/KEY: sig_peptide
LOCATION: 221..268
OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 7.30000019073486
OTHER INFORMATION: seq FLLLTCLFITGTS/VS
US-09-621-976-87

Query Match 1.4%; Score 17; DB 4; Length 674;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGA 1155
Db 302 TACATCAGCCTGAATGA 318

RESULT 46
US-09-489-039A-5493
Sequence 5493, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 5493
LENGTH: 759

```

; TYPE: DNA
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-5493

Query Match      1.4%; Score 17; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 542 GCCGAGCTGCTCGTGAG 558
DB 676 GCCGAGCTGCTCGTGAG 692

RESULT 47
US-09-434-354-1
; Sequence 1, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelabi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 894
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-434-354-1

Query Match      1.4%; Score 17; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 106 AGAATCCCTAAGGACCA 122
DB 178 AGAATCCCTAAGGACCA 194

RESULT 48
US-09-709-785-1
; Sequence 1, Application US/09709785
; Patent No. 6797467
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelabi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433C1
; CURRENT APPLICATION NUMBER: US/09/709,785
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 894
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-709-785-1

```

```

Query Match      1.4%; Score 17; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 106 AGAATCCCTAAGGACCA 122
DB 178 AGAATCCCTAAGGACCA 194

RESULT 49
US-09-634-238-89/c
; Sequence 89, Application US/09634238
; Patent No. 6544772
; GENERAL INFORMATION:
; APPLICANT: Glenn, Matthew
; APPLICANT: Havukkala, Ilkka J.
; APPLICANT: Bloksberg, Leonard, N.
; APPLICANT: Lubbers, Mark W.
; APPLICANT: Dekker, James
; APPLICANT: Christensson, Anna C.
; APPLICANT: Holland, Ross
; APPLICANT: O'Toole, Paul W.
; APPLICANT: Reid, Julian R.
; APPLICANT: Coolbear, Timothy
; TITLE OF INVENTION: Polynucleotides, materials incorporating
; TITLE OF INVENTION: them and methods for using them.
; FILE REFERENCE: 11000.1043U1
; CURRENT APPLICATION NUMBER: US/09/634,238
; CURRENT FILING DATE: 2000-08-08
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 89
; LENGTH: 941
; TYPE: DNA
; ORGANISM: Lactobacillus rhamnosus
US-09-634-238-89

Query Match      1.4%; Score 17; DB 4; Length 941;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 888 TCACCTTCCCTCCTCCTC 904
DB 916 TCACCTTCCCTCCTCCTC 900

RESULT 50
US-08-154-915-1
; Sequence 1, Application US/08154915
; Patent No. 5618669
; GENERAL INFORMATION:
; APPLICANT: Beach, David
; APPLICANT: Xiong, Yue
; TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses
; TITLE OF INVENTION: Related Thereto
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/154,915
; FILING DATE: 19-NOV-1993
; CLASSIFICATION: 435

```


PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,178
FILING DATE: 26-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MII-026
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
US-08-154-915-1

Query Match 1.4%; Score 17; DB 1; Length 1089;
Best Local Similarity 100.0%; Pred.No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 51
US-08-464-517-37
Sequence 37, Application US/08464517
Patent No. 5869640
GENERAL INFORMATION:
APPLICANT: BEACH, David H.
TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,517
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
APPLICATION NUMBER: US 07/888,178
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MII-004C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

NAME: Matthew P. Vincent
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MII-004C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
US-08-464-517-37

Query Match 1.4%; Score 17; DB 2; Length 1089;
Best Local Similarity 100.0%; Pred.No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 52
US-08-246-361A-37
Sequence 37, Application US/08246361A
Patent No. 5998582
GENERAL INFORMATION:
APPLICANT: BEACH, David H.
TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/246,361A
FILING DATE: 19-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,178
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Matthew P. Vincent
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MII-004C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
US-08-246-361A-37

Query Match 1.4%; Score 17; DB 2; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 53
US-08-463-772-37
Sequence 37, Application US/08463772
Patent No. 6066501
GENERAL INFORMATION:
APPLICANT: BEACH, David H.
TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,772
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
APPLICATION NUMBER: US 07/888,178
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Matthew P. Vincent
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MII-004C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
US-08-463-772-37

Query Match 1.4%; Score 17; DB 3; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 54
PCT-US93-09945-1
Sequence 1, Application PC/TUS9309945
GENERAL INFORMATION:
APPLICANT: Cyclin Complex Rearrangement and Uses Related
TITLE OF INVENTION: Thereto
NUMBER OF SEQUENCES: 4
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09945
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
PCT-US93-09945-1

Query Match 1.4%; Score 17; DB 5; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 55
US-09-354-221-5/c
Sequence 5, Application US/09354221
Patent No. 6699714
GENERAL INFORMATION:
APPLICANT: Chang, Chawshang
TITLE OF INVENTION: Androgen Receptor Coactivators
FILE REFERENCE: 920920.90011
CURRENT APPLICATION NUMBER: US/09/354,221
CURRENT FILING DATE: 1999-07-15
EARLIER APPLICATION NUMBER: US 60/100,243
EARLIER FILING DATE: 1998-09-14
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 1566
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: CDS
LOCATION: (25)..(675)
FEATURE:
NAME/KEY: 3'UTR
LOCATION: (676)..(1566)
FEATURE:
NAME/KEY: 5'UTR
LOCATION: (1)..(24)
US-09-354-221-5

Query Match 1.4%; Score 17; DB 4; Length 1566;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
Db 662 TCCTCATCCGGGAGAGC 646

RESULT 56
US-09-566-921-66
; Sequence 66, Application US/09566921
; Patent No. 6682888
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.
; APPLICANT: Tingley, Deborah W.
; APPLICANT: Edwards, Carla M.
; TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
; FILE REFERENCE: PA-0024 US
; CURRENT APPLICATION NUMBER: US/09/566,921
; CURRENT FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PERL Program
; SEQ ID NO 66
; LENGTH: 1747
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc. feature
; OTHER INFORMATION: Incyte ID No. 6682888 244561.6
US-09-566-921-66

Query Match 1.4%; Score 17; DB 4; Length 1747;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 106 AGAATCCCTTAAGGAGCA 122
Db 303 AGAATCCCTTAAGGAGCA 319

RESULT 57
US-08-765-889C-1
; Sequence 1, Application US/08765889C
; Patent No. 6136572
; GENERAL INFORMATION:
; APPLICANT: BENATTI, Luca
; APPLICANT: BRETON, Jerome
; APPLICANT: SPECIALE, Carmela
; APPLICANT: OKUNO, Etsuo
; APPLICANT: SCHWARCZ, Robert
; APPLICANT: MOSCA, Monica
; TITLE OF INVENTION: RECOMBINANT KAT ENZYME AND
; TITLE OF INVENTION: PROCESS FOR ITS PREPARATION
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,889C
; FILING DATE: 23-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:
; FILING DATE:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1748 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-765-889C-1

Query Match 1.4%; Score 17; DB 3; Length 1748;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 903 TCCAGGCCCTGGTGGAC 919
Db 345 TCCAGGCCCTGGTGGAC 361

RESULT 58
PCT-US95-07855-1
; Sequence 1, Application PC/TUS9507855
; GENERAL INFORMATION:
; APPLICANT: BENATTI, Luca
; APPLICANT: BRETON, Jerome
; APPLICANT: SPECIALE, Carmela
; APPLICANT: OKUNO, Etsuo
; APPLICANT: SCHWARCZ, Robert
; APPLICANT: MOSCA, Monica
; TITLE OF INVENTION: RECOMBINANT KAT ENZYME AND
; TITLE OF INVENTION: PROCESS FOR ITS PREPARATION
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07855
; FILING DATE: 23-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1748 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
PCT-US95-07855-1

Query Match 1.4%; Score 17; DB 5; Length 1748;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 TCCAGGCCCTGGTGGAC 919
Db 345 TCCAGGCCCTGGTGGAC 361

RESULT 59
US-09-252-991A-6975
; Sequence 6975, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 6975
; LENGTH: 1953
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6975

Query Match 1.4%; Score 17; DB 4; Length 2118;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 CTGAGCAGGGAGAAAGC 708
Db 642 CTGAGCAGGGAGAAAGC 626

RESULT 62
US-08-755-559-2/c
; Sequence 2, Application US/08755559
; Patent No. 5912142
; GENERAL INFORMATION:
; APPLICANT: KAUFMAN, RUSSEL E.
; APPLICANT: SLENTZ-KESLER, KIMBERLY
; TITLE OF INVENTION: GENE PRODUCT OVER EXPRESSED IN CANCER
; TITLE OF INVENTION: CELLS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/755,559
; FILING DATE: 22-NOV-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1579-116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2180 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-755-559-2

Query Match 1.4%; Score 17; DB 2; Length 2180;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;

QY 903 TCCAGGCCCTGGTGGAC 919
Db 345 TCCAGGCCCTGGTGGAC 361

RESULT 59
US-09-252-991A-6975
; Sequence 6975, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 6975
; LENGTH: 1953
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6975

Query Match 1.4%; Score 17; DB 4; Length 1953;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 692 CTGAGCAGGGAGAAAGC 708
Db 371 CTGAGCAGGGAGAAAGC 387

RESULT 60
US-09-997-165-3/c
; Sequence 3, Application US/09997165
; Patent No. 6762030
; GENERAL INFORMATION:
; APPLICANT: Lyman, Stewart D.
; APPLICANT: Fanslow, William C.
; TITLE OF INVENTION: LIGAND FOR CD7 AND METHODS OF USE THEREOF
; FILE REFERENCE: 2913-US
; CURRENT APPLICATION NUMBER: US/09/997,165
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: PCT/US00/14612
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/136,450
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 2000
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (119)..(865)
US-09-997-165-3

Query Match 1.4%; Score 17; DB 4; Length 2000;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 272 GAAGGGCCCCCAAGCC 288
Db 1336 GAAGGGCCCCCAAGCC 1320

RESULT 61
US-09-252-991A-6727/c

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

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; LOCATION: (2283)
; OTHER INFORMATION: n equals a.t.g, or c
; NAME/KEY: SITE
; LOCATION: (2301)
; OTHER INFORMATION: n equals a.t.g, or c
; NAME/KEY: SITE
; LOCATION: (2306)
; OTHER INFORMATION: n equals a.t.g, or c
; NAME/KEY: SITE
; LOCATION: (2315)
; OTHER INFORMATION: n equals a.t.g, or c
US-10-067-422-4

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2315;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGA 1155
Db 197 TACATCAGCCTGAATGA 213

RESULT 66
US-09-373-157-5
; Sequence 5, Application US/09373157
; Patent No. 6416963
; GENERAL INFORMATION:
; APPLICANT: Grieninger, Gerd
; APPLICANT: Applegate, Dianne
; APPLICANT: Stoike-Steben, Lara
; TITLE OF INVENTION: NOVEL CLEAVED FRAGMENTS OF FIBRINOGEN
; FILE REFERENCE: Sequence ID No. 6416963. 1-7 for 454-24
; Patent No. 6416963
; CURRENT APPLICATION NUMBER: US/09/373,157
; CURRENT FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 2648
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-373-157-5

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2648;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1144 CAGCCTGAATGACGAGG 1160
Db 2138 CAGCCTGAATGACGAGG 2154

RESULT 67
US-09-566-921-3/C
; Sequence 3, Application US/09566921
; Patent No. 6682888
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.
; APPLICANT: Tingley, Debora W.
; APPLICANT: Edwards, Carla M.
; TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
; FILE REFERENCE: PA-0024 US
; CURRENT APPLICATION NUMBER: US/09/566,921
; CURRENT FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PERL Program
; SEQ ID NO 3
; LENGTH: 2666
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6682888 232838.13

US-09-566-921-3
Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2666;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
Db 902 TCCTCATCCGGGAGGC 886

RESULT 68
US-09-252-991A-6767/c
; Sequence 6767, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 6767
; LENGTH: 2856
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6767

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2856;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 CTGAGCAGGAGAAAGC 708
Db 1394 CTGAGCAGGAGAAAGC 1378

RESULT 69
US-09-179-558-54
; Sequence 54, Application US/09179558
; Patent No. 6180612
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; APPLICANT: Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TARGETING DNA METABOLIC PROCESSES USING
; TITLE OF INVENTION: AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,558
; FILING DATE: 27-OCT-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: U.S. 09/060,470
; FILING DATE: 15-APR-1998
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 2874 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Other
US-09-179-558-54

Query Match 1.4%; Score 17; DB 3; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCACGAGAAG 420
Db 781 AGTCTGCCACGAGAAG 797

RESULT 70

US-09-722-825-54
Sequence 54, Application US/09722825
Patent No. 6531306
GENERAL INFORMATION:
APPLICANT: Hockensmith, Joel W.
Muthuswami, Rohini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TARGETING DNA METABOLIC PROCESSES USING
AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/722,825
FILING DATE: 28-No. 6531306-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/179,558
FILING DATE: <Unknown>
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 2874 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: Other
SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-825-54

Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCACGAGAAG 420
Db 781 AGTCTGCCACGAGAAG 797

RESULT 71

US-09-722-487-54
Sequence 54, Application US/09722487
Patent No. 6537791
GENERAL INFORMATION:
APPLICANT: Hockensmith, Joel W.
Muthuswami, Rohini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TARGETING DNA METABOLIC PROCESSES USING
AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/722,487
FILING DATE: 28-No. 6537791-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/179,558
FILING DATE: <Unknown>
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 2874 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Other
SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-487-54

Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCACGAGAAG 420
Db 781 AGTCTGCCACGAGAAG 797

Mon Jan 3 11:32:11 2005

us-09-939-853a-74.olig.rni

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RESULT 72
US-09-722-708-54
; Sequence 54, Application US/09722708
; Patent No. 6573060
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
;
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,708
; FILING DATE: 28-NO. 6573060-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2874 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-708-54

Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 404 AGTCTGCCCGCAGGAG 420
DB 781 AGTCTGCCCGCAGGAG 797

RESULT 73
US-09-179-558-61
; Sequence 61, Application US/09179558
; Patent No. 6180612
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
;
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas

```

```

; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,558
; FILING DATE: 27-OCT-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 09/060,470
; FILING DATE: 15-APR-1998
; PRIOR APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-09-179-558-61

Query Match 1.4%; Score 17; DB 3; Length 3059;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 404 AGTCTGCCCGCAGGAG 420
DB 966 AGTCTGCCCGCAGGAG 982

RESULT 74
US-09-722-825-61
; Sequence 61, Application US/09722825
; Patent No. 6531306
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
;
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,825
; FILING DATE: 28-NO. 6531306-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-825-61

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 3059;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCGACGAGAAG 420
Db 966 AGTCTGCCCGACGAGAAG 982
|||||

RESULT 75
US-09-722-487-61
; Sequence 61, Application US/09722487
; Patent No. 6537791
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,487
; FILING DATE: 28-NO. 6537791-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-487-61

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 3059;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCGACGAGAAG 420
Db 966 AGTCTGCCCGACGAGAAG 982
|||||

RESULT 76
US-09-722-708-61
; Sequence 61, Application US/09722708
; Patent No. 6573060
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,708
; FILING DATE: 28-NO. 6573060-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-708-61

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 3059;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCGACGAGAAG 420
|||||

```

; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0

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<pre>; SEQ ID NO 1 ; LENGTH: 8802 ; TYPE: DNA ; ORGANISM: Canis familiaris US-09-662-478C-1</pre>	<pre>Query Match 1.4%; Score 17; DB 3; Length 8802; Best Local Similarity 100.0%; Pred. No. 1.5e+02; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</pre>	<pre>QY 136 CCATCCCTGGTGACAA 152 Db 6815 CCATCCCTGGTGACAA 6831</pre>
RESULT 80		
<pre>US-09-886-900A-1 ; Sequence 1, Application US/09886900A ; Patent No. 6767707 ; GENERAL INFORMATION: ; APPLICANT: Venta, Patrick J. ; APPLICANT: Brewer, George J. ; APPLICANT: Vilma, Yuzbasivan-Gurkan ; APPLICANT: Schall, William D. ; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS ; FILE REFERENCE: OF USE ; CURRENT APPLICATION NUMBER: US/09/886,900A ; EARLIER FILING DATE: 2001-06-21 ; PRIOR APPLICATION NUMBER: US/09/662,478C ; PRIOR FILING DATE: 2000-09-15 ; PRIOR APPLICATION NUMBER: 09/132,652 ; PRIOR FILING DATE: 1998-08-11 ; PRIOR APPLICATION NUMBER: PCT/US99/18153 ; PRIOR FILING DATE: 1999-08-10 ; NUMBER OF SEQ ID NOS: 29 ; SOFTWARE: PatentIn Ver. 2.0 ; SEQ ID NO 1 ; LENGTH: 8802 ; TYPE: DNA ; ORGANISM: Canis familiaris US-09-886-900A-1</pre>	<pre>Query Match 1.4%; Score 17; DB 4; Length 8802; Best Local Similarity 100.0%; Pred. No. 1.5e+02; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</pre>	<pre>QY 136 CCATCCCTGGTGACAA 152 Db 6815 CCATCCCTGGTGACAA 6831</pre>
RESULT 81		
<pre>US-09-662-478C-1 ; Sequence 1, Application US/09662478C ; Patent No. 6780583 ; GENERAL INFORMATION: ; APPLICANT: Venta, Patrick J. ; APPLICANT: Brewer, George J. ; APPLICANT: Vilma, Yuzbasivan-Gurkan ; APPLICANT: Schall, William D. ; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS ; FILE REFERENCE: OF USE ; CURRENT APPLICATION NUMBER: US/09/662,478C ; CURRENT FILING DATE: 2000-09-15 ; PRIOR APPLICATION NUMBER: 09/132,652 ; PRIOR FILING DATE: 1998-08-11 ; PRIOR APPLICATION NUMBER: PCT/US99/18153 ; PRIOR FILING DATE: 1999-08-10 ; NUMBER OF SEQ ID NOS: 29 ; SOFTWARE: PatentIn Ver. 2.0 ; SEQ ID NO 1</pre>	<pre>Query Match 1.4%; Score 17; DB 4; Length 8802; Best Local Similarity 100.0%; Pred. No. 1.5e+02; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</pre>	<pre>QY 136 CCATCCCTGGTGACAA 152 Db 6815 CCATCCCTGGTGACAA 6831</pre>
RESULT 82		
<pre>US-09-534-638-1/c ; Sequence 1, Application US/09534638 ; Patent No. 6320038 ; GENERAL INFORMATION: ; APPLICANT: Panula, Pertti A.J. ; APPLICANT: Brandt, Annika ; APPLICANT: Westerlund, Johanna ; TITLE OF INVENTION: Promoter for Neuropeptide FF Promoter and use thereof ; TITLE OF INVENTION: for therapy and diagnosis ; FILE REFERENCE: 2530-104 ; CURRENT APPLICATION NUMBER: US/09/534,638 ; CURRENT FILING DATE: 2000-03-27 ; EARLIER APPLICATION NUMBER: 09/365755 ; EARLIER FILING DATE: 1999-08-03 ; NUMBER OF SEQ ID NOS: 22 ; SOFTWARE: PatentIn Ver. 2.1 ; SEQ ID NO 1 ; LENGTH: 9840 ; TYPE: DNA ; ORGANISM: Mouse US-09-534-638-1</pre>	<pre>Query Match 1.4%; Score 17; DB 3; Length 9840; Best Local Similarity 100.0%; Pred. No. 1.5e+02; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</pre>	<pre>QY 376 CTGAGTGTCTGCTGAG 392 Db 1838 CTGAGTGTCTGCTGAG 1822</pre>
RESULT 83		
<pre>US-09-798-743-5/c ; Sequence 5, Application US/09798743 ; Patent No. 6790831 ; GENERAL INFORMATION: ; APPLICANT: Nezu, Jun-Ichi ; APPLICANT: Ose, Asuka ; TITLE OF INVENTION: SYSTEMIC CARNITINE DEFICIENCY GENE AND USES THEREOF ; FILE REFERENCE: 06501-073001 ; CURRENT APPLICATION NUMBER: US/09/798,743 ; CURRENT FILING DATE: 2001-03-02 ; PRIOR APPLICATION NUMBER: PCT/JF99/04853 ; PRIOR FILING DATE: 1999-09-07 ; PRIOR APPLICATION NUMBER: JP 10-252683 ; PRIOR FILING DATE: 1998-09-07 ; NUMBER OF SEQ ID NOS: 31 ; SOFTWARE: PatentIn Ver. 2.0 ; SEQ ID NO 5 ; LENGTH: 25871 ; TYPE: DNA ; ORGANISM: Homo sapiens ; FEATURE: ; NAME/KEY: exon ; LOCATION: (1)..(614) ; NAME/KEY: Intron ; LOCATION: (615)..(8636) ; NAME/KEY: exon</pre>	<pre>Query Match 1.4%; Score 17; DB 3; Length 9840; Best Local Similarity 100.0%; Pred. No. 1.5e+02; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</pre>	<pre>QY 376 CTGAGTGTCTGCTGAG 392 Db 1838 CTGAGTGTCTGCTGAG 1822</pre>

Mon Jan 3 11:32:11 2005

us-09-939-853a-74.olig.rni

```
LOCATION: (8637)..(8740)
NAME/KEY: intron
LOCATION: (8741)..(14409)
NAME/KEY: exon
LOCATION: (14410)..(14564)
NAME/KEY: intron
LOCATION: (14565)..(15590)
NAME/KEY: exon
LOCATION: (15591)..(15762)
NAME/KEY: intron
LOCATION: (15763)..(17282)
NAME/KEY: exon
LOCATION: (17283)..(17409)
NAME/KEY: intron
LOCATION: (17410)..(19178)
NAME/KEY: exon
LOCATION: (19179)..(19279)
NAME/KEY: intron
LOCATION: (19280)..(20947)
NAME/KEY: exon
LOCATION: (20948)..(21162)
NAME/KEY: intron
LOCATION: (21163)..(22690)
NAME/KEY: exon
LOCATION: (22691)..(22873)
NAME/KEY: intron
LOCATION: (22874)..(23934)
NAME/KEY: exon
LOCATION: (23935)..(24070)
NAME/KEY: intron
LOCATION: (24071)..(24443)
NAME/KEY: exon
LOCATION: (24444)..(25871)
US-09-798-743-5

Query Match 1.4%; Score 17; DB 4; Length 25871;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 50 AGGGCCCTGGGCTTCC 66
Db 11719 AGGGCCCTGGGCTTCC 11703

RESULT 84
US-10-327-189-41/c
Sequence 41, Application US/10327189
Patent No. 6731505
GENERAL INFORMATION:
APPLICANT: Peltekova, Vanya D
APPLICANT: Wintle, Richard F
APPLICANT: Rubin, Laurence A
APPLICANT: Peter, St George-Hyslop H
APPLICANT: Siminovich, Katherine A
TITLE OF INVENTION: POLYMORPHISMS OF THE OCTN1 AND OCTN2 CATION TRANSPORTERS ASSOCIATED WITH INFLAMMATORY BOWEL DISORDERS
FILE REFERENCE: ELLP-020
CURRENT APPLICATION NUMBER: US/10/327,189
CURRENT FILING DATE: 2002-12-20
PRIOR APPLICATION NUMBER: 60/362,700
PRIOR FILING DATE: 2002-03-08
PRIOR APPLICATION NUMBER: 60/343,338
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/427,529
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: 60/362,717
PRIOR FILING DATE: 2002-03-08
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 26850
TYPE: DNA
ORGANISM: Homo sapiens
```

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FEATURE:
NAME/KEY: misc feature
LOCATION: (49)..(49)
OTHER INFORMATION: n at 49 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (134)..(134)
OTHER INFORMATION: n at 134 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (546)..(546)
OTHER INFORMATION: n at 546 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (877)..(877)
OTHER INFORMATION: n at 877 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (1338)..(1338)
OTHER INFORMATION: n at 1338 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (1985)..(1985)
OTHER INFORMATION: n at 1985 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (2124)..(2124)
OTHER INFORMATION: n at 2124 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (2307)..(2307)
OTHER INFORMATION: n at 2307 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3115)..(3115)
OTHER INFORMATION: n at 3115 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3159)..(3159)
OTHER INFORMATION: n at 3159 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3191)..(3191)
OTHER INFORMATION: n at 3191 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3282)..(3282)
OTHER INFORMATION: n at 3282 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3661)..(3661)
OTHER INFORMATION: n at 3661 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3748)..(3748)
OTHER INFORMATION: n at 3748 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3797)..(3797)
OTHER INFORMATION: n at 3797 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3905)..(3905)
OTHER INFORMATION: n at 3905 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (4260)..(4260)
OTHER INFORMATION: n at 4260 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (4903)..(4903)
OTHER INFORMATION: n at 4903 can be a or g or c or t
FEATURE:
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NAME/KEY: misc_feature
LOCATION: (5971)..(5971)
OTHER INFORMATION: n at 5971 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6111)..(6111)
OTHER INFORMATION: n at 6111 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6148)..(6148)
OTHER INFORMATION: n at 6148 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6400)..(6400)
OTHER INFORMATION: n at 6400 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6468)..(6468)
OTHER INFORMATION: n at 6468 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6575)..(6575)
OTHER INFORMATION: n at 6575 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7287)..(7287)
OTHER INFORMATION: n at 7287 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8495)..(8495)
OTHER INFORMATION: n at 8495 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9918)..(9918)
OTHER INFORMATION: n at 9918 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9924)..(9924)
OTHER INFORMATION: n at 9924 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9947)..(9947)
OTHER INFORMATION: n at 9947 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10143)..(10143)
OTHER INFORMATION: n at 10143 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10357)..(10357)
OTHER INFORMATION: n at 10357 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10379)..(10379)
OTHER INFORMATION: n at 10379 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10384)..(10384)
OTHER INFORMATION: n at 10384 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10580)..(10580)
OTHER INFORMATION: n at 10580 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10717)..(10717)
OTHER INFORMATION: n at 10717 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature

LOCATION: (10718)..(10718)
OTHER INFORMATION: n at 10718 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10719)..(10719)
OTHER INFORMATION: n at 10719 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10781)..(10781)
OTHER INFORMATION: n at 10781 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11111)..(11111)
OTHER INFORMATION: n at 11111 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11150)..(11150)
OTHER INFORMATION: n at 11150 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11211)..(11211)
OTHER INFORMATION: n at 11211 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11383)..(11383)
OTHER INFORMATION: n at 11383 can be a or g or c or t
FEATURE:

Query Match 1.4%; Score 17; DB 4; Length 26850;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 50 AGGCGCTGGGCTTCC 66
|||||
Db 13521 AGGCGCTGGGCTTCC 13505

RESULT 85

US-09-453-702B-62
Sequence 62, Application US/09453702B
Patent No. 6365723
GENERAL INFORMATION:
APPLICANT: Blattner, Frederick R.
Burland, Valerie
Perna, Nicole T.
plunkett, Guy
Welch, Rod
TITLE OF INVENTION: NO. 6365723el Sequences of E. coli O157
NUMBER OF SEQUENCES: 265
CORRESPONDENCE ADDRESS:
ADDRESSEE: Charles & Brady
STREET: 1 South Pinckney Street
CITY: Madison
STATE: WI
COUNTRY: US
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/453,702B
FILING DATE: 03-Dec-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/110,955
FILING DATE: 04-DEC-1998
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27386
REFERENCE/DOCKET NUMBER: 960296.95017
TELECOMMUNICATION INFORMATION:

```

;
; TELEPHONE: (608) 251-5000
; TELEFAX: (608) 251-9166
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 61663
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   SEQUENCE DESCRIPTION: SEQ ID NO: 62:
US-09-453-702B-62

Query Match
Best Local Similarity 100.0%; Score 17; DB 3; Length 61663;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATTACTCTGAGCTGGCG 937
Db 49896 ATTACTCTGAGCTGGCG 49912

RESULT 86
US-09-103-840A-2
; Sequence 2, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 4403765
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; OTHER INFORMATION: "n" bases at various positions throughout the sequence
; OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2

Query Match
Best Local Similarity 1.4%; Score 17; DB 3; Length 4403765;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 AGCCATTGACCATCGTC 583
Db 155 AGCCATTGACCATCGTC 171

RESULT 87
US-09-103-840A-1
; Sequence 1, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 4411529
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37Rv
US-09-103-840A-1

Query Match
Best Local Similarity 1.4%; Score 17; DB 3; Length 4411529;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 AGCCATTGACCATCGTC 583
Db 155 AGCCATTGACCATCGTC 171

RESULT 88
US-09-404-417A-8/c
; Sequence 8, Application US/09404417A
; Patent No. 6627729
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Deisher, Theresa A.
; APPLICANT: Jaspers, Stephen R.
; TITLE OF INVENTION: TWL PEPTIDES
; FILE REFERENCE: 97-04C1
; CURRENT APPLICATION NUMBER: US/09/404,417A
; CURRENT FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: OLIGONUCLEOTIDE
US-09-404-417A-8

Query Match
Best Local Similarity 1.4%; Score 16; DB 4; Length 18;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 296 GTCCAGCCAGAGCATG 311
Db 16 GTCCAGCCAGAGCATG 1

RESULT 89
US-09-270-767-25406
; Sequence 25406, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25406
; LENGTH: 219
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-25406

Query Match
Best Local Similarity 1.4%; Score 16; DB 4; Length 219;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 389 TGAGGAACAATGGGAA 404
Db 168 TGAGGAACAATGGGAA 183
```

RESULT 90
US-09-270-767-30555
; Sequence 30555, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patencin Ver. 2.0
; SEQ ID NO 30555
; LENGTH: 227
; TYPE: DNA
; ORGANISM: *Drosophila melanogaster*
US-09-270-767-30555

Query Match 1.4%; Score 16; DB 4; Length 227;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 389 TGAGGAACAATGGGA 404
Db 168 TGAGGAACAATGGGA 183

RESULT 91
US-09-602-877A-93
; Sequence 93, Application US/09602877A
; Patent No. 6432707
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.446CS
; CURRENT APPLICATION NUMBER: US/09/602,877A
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 93
; LENGTH: 251
; TYPE: DNA
; ORGANISM: *Homo sapien*
US-09-602-877A-93

Query Match 1.4%; Score 16; DB 4; Length 251;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCTCTGTGA 39
Db 92 GCCTGTGTCTCTGTGA 107

RESULT 92
US-09-071-710-9/c
; Sequence 9, Application US/09071710
; Patent No. 6130043
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.

; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA: US/09/071,710
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 08/850,713
; FILING DATE: 02-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 265 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-710-9

Query Match 1.4%; Score 16; DB 3; Length 265;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCTCTGTGA 39
Db 141 GCCTGTGTCTCTGTGA 126

RESULT 93
US-09-525-397-9/c
; Sequence 9, Application US/09525397
; Patent No. 6252047
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL

```

; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/525,397
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/071,710
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 265 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-525-397-9

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Query Match 1.4%; Score 16; DB 3; Length 265;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 24 GCCTGTCTCTCTGGA 39
DB 141 GCCTGTGTCTCTGGA 126

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RESULT 94
US-09-621-976-16442
; Sequence 16442, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 16442
; LENGTH: 278
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 114
; OTHER INFORMATION: n=a, g, c or t
; US-09-621-976-16442

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Query Match 1.4%; Score 16; DB 4; Length 278;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 739 TGGAGGGGCTTCCTC 754
DB 230 TGGAGGGGCTTCCTC 245

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RESULT 95

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US-09-313-294A-3534/C
; Sequence 3534, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 3534
; LENGTH: 283
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. 6476212 700611809H1
; US-09-313-294A-3534

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Query Match 1.4%; Score 16; DB 4; Length 283;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 163 GCAGACAGATGCTGAG 178
DB 176 GCAGACAGATGCTGAG 161

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RESULT 96
US-09-513-999C-20413
; Sequence 20413, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 20413
; LENGTH: 283
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 182
; OTHER INFORMATION: s=g or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 274
; OTHER INFORMATION: b=c or g or t
; US-09-513-999C-20413

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Query Match 1.4%; Score 16; DB 4; Length 283;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 699 GGGAGGAAGCAGAGGA 714
DB 251 GGGAGGAAGCAGAGGA 266

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RESULT 97
US-09-071-710-10/c

; Sequence 10, Application US/09071710
; Patent No. 6130043
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.710
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/850,713
; FILING DATE: 02-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 147
; OTHER INFORMATION: /note= " N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
US-09-071-710-10

Query Match 1.4%; Score 16; DB 3; Length 288;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTCTCTCTGTGA 39
Db 62 GCCTGTCTCTCTGTGA 47

RESULT 98
US-09-525-397-10/c
; Sequence 10, Application US/09525397
; Patent No. 6252047
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA

; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/525,397
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/071,710
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 147
; OTHER INFORMATION: /note= " N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
US-09-525-397-10

Query Match 1.4%; Score 16; DB 3; Length 288;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTCTCTCTGTGA 39
Db 62 GCCTGTCTCTCTGTGA 47

RESULT 99
US-08-235-838-9/c
; Sequence 9, Application US/08235838
; Patent No. 5571894
; GENERAL INFORMATION:
; APPLICANT: Wels, Winfried S.
; APPLICANT: Hynes, Nancy E.
; APPLICANT: Harwerth, Ina-Maria
; APPLICANT: Groner, Bernd
; APPLICANT: Hardman, No. 5571894man

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

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;
; APPLICANT: Zwickl, Markus
; TITLE OF INVENTION: Recombinant Antibodies Specific for a
; TITLE OF INVENTION: Growth Factor Receptor
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/235,838
; FILING DATE: TBA
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/828,832
; FILING DATE: 31-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 91-810079.3
; FILING DATE: 05-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: 4-18518/A/CIP/CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8614
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 310 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Mouse
; INDIVIDUAL ISOLATE: E. coli
; IMMEDIATE SOURCE:
; CLONE: pMW15-VL51-1
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..310
; OTHER INFORMATION: /note= "1-18 partial seq. of
; OTHER INFORMATION: VK1BACK primer region; 64-96 CDR1L; 142-162 CDR2L;
; OTHER INFORMATION: 259-282 CDR3L; 292-310 partial seq. of VK1FOR
; OTHER INFORMATION: primer region
;
US-08-235-838-9
Query Match 1.4%; Score 16; DB 1; Length 310;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 586 TGAGGATGGAGACTGG 601
Db 24 TGAGGATGGAGACTGG 9

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Search completed: December 30, 2004, 16:17:31
Job time : 152 secs

RESULT 100
US-08-465-473B-9/c
; Sequence 9, Application US/08465473B
; Patent No. 5939531
; GENERAL INFORMATION:
; APPLICANT: Wels, Winfried S.
; APPLICANT: Hynes, Nancy E.
; APPLICANT: Harwerth, Ina-Maria

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;
; APPLICANT: Groner, Bernd
; APPLICANT: Hardman, No. 5939531man
; APPLICANT: Zwickl, Markus
; TITLE OF INVENTION: Recombinant Antibodies Specific for a
; TITLE OF INVENTION: Growth Factor Receptor
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NOVARTIS Corporation
; STREET: 564 Morris Avenue
; CITY: Summit
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07901-6940
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,473B
; FILING DATE: 5 June 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/828,832
; FILING DATE: 31-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 91-810079.3
; FILING DATE: 05-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Pfeiffer, Henna J.
; REGISTRATION NUMBER: 22,640
; REFERENCE/DOCKET NUMBER: 4-18518/A/CIP/CONT2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 522 6940
; TELEFAX: (908) 522 6955
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 310 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Mouse
; INDIVIDUAL ISOLATE: E. coli
; IMMEDIATE SOURCE:
; CLONE: pMW15-VL51-1
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..310
; OTHER INFORMATION: /note= "1-18 partial seq. of
; OTHER INFORMATION: VK1BACK primer region; 64-96 CDR1L; 142-162 CDR2L;
; OTHER INFORMATION: 259-282 CDR3L; 292-310 partial seq. of VK1FOR
; OTHER INFORMATION: primer region
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US-08-465-473B-9
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Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 586 TGAGGATGGAGACTGG 601
Db 24 TGAGGATGGAGACTGG 9

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89	1.5	311	17	US-10-437-963-47957	Sequence 47957, A	162	18	1.5	1579	14	US-10-176-482-441	Sequence 441, App
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96	1.5	474	13	US-10-027-632-19591	Sequence 19591, A	169	18	1.5	1579	14	US-10-174-572-441	Sequence 441, App
97	1.5	474	13	US-10-027-632-19591	Sequence 19591, A	170	18	1.5	1579	14	US-10-174-582-441	Sequence 441, App
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102	1.5	498	13	US-10-027-632-284851	Sequence 284851, A	175	18	1.5	1579	14	US-10-176-488-441	Sequence 441, App
103	1.5	498	13	US-10-027-632-284851	Sequence 284851, A	176	18	1.5	1579	14	US-10-176-488-441	Sequence 441, App
104	1.5	498	13	US-10-027-632-284851	Sequence 284851, A	177	18	1.5	1579	14	US-10-176-747-441	Sequence 441, App
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106	1.5	531	13	US-10-027-632-143161	Sequence 143161, A	179	18	1.5	1579	14	US-10-176-985-441	Sequence 441, App
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139	1.5	1236	18	US-10-425-114-28115	Sequence 28115, A	212	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
140	1.5	1325	16	US-10-260-238-1261	Sequence 1261, App	213	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
141	1.5	1374	18	US-10-481-179-7	Sequence 7, Appli	214	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
142	1.5	1438	9	US-09-997-701-4	Sequence 4, Appli	215	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
143	1.5	1477	17	US-10-115-635-80	Sequence 80, Appli	216	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
144	1.5	1543	17	US-10-437-963-28422	Sequence 28422, A	217	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
145	1.5	1579	10	US-09-931-836-8	Sequence 8, Appli	218	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
146	1.5	1579	13	US-10-036-342-8	Sequence 441, App	219	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
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153	1.5	1579	14	US-10-175-737-441	Sequence 441, App	226	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App
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158	1.5	1579	14	US-10-175-737-441	Sequence 441, App	231	18	1.5	1579	14	US-10-180-546-441	Sequence 441, App

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289 18 1.5 1579 14 US-10-183-006-441 Sequence 441, App
290 18 1.5 1579 14 US-10-183-008-441 Sequence 441, App
291 18 1.5 1579 14 US-10-183-017-441 Sequence 441, App
292 18 1.5 1579 14 US-10-183-019-441 Sequence 441, App
293 18 1.5 1579 14 US-10-184-618-441 Sequence 441, App
294 18 1.5 1579 14 US-10-184-625-441 Sequence 441, App
295 18 1.5 1579 14 US-10-184-626-441 Sequence 441, App
296 18 1.5 1579 14 US-10-184-627-441 Sequence 441, App
297 18 1.5 1579 14 US-10-184-645-441 Sequence 441, App
298 18 1.5 1579 14 US-10-184-654-441 Sequence 441, App
299 18 1.5 1579 14 US-10-184-655-441 Sequence 441, App
300 18 1.5 1579 14 US-10-188-774-441 Sequence 441, App
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ALIGNMENTS

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RESULT 1
US-09-939-853A-74
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-74

Query Match      100.0%; Score 1183; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  AGCTAGAGCTCCAAAGGACCCACGCGTGTGTCTGTGACAGAGCTCAAGGGCCCTGGG 60
Db      1  AGCTAGAGCTCCAAAGGACCCACGCGTGTGTCTGTGACAGAGCTCAAGGGCCCTGGG 60

Qy      61  CTTTCCCTCCCTGGCTGGGCTGTGTGGAGGTTTCCCAAGTCCAGAATCCCTAAGGAG 120
Db      61  CTTTCCCTCCCTGGCTGGGCTGTGTGGAGGTTTCCCAAGTCCAGAATCCCTAAGGAG 120

Qy      121  CATTGGGACGTGATCCATCCCTGGTGTACAACTGCTGACTGCAGACAGATGCTGAGCT 180
Db      121  CATTGGGACGTGATCCATCCCTGGTGTACAACTGCTGACTGCAGACAGATGCTGAGCT 180

Qy      181  ACCCAAAACCAACACTAGCCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTTCCTGGGTG 240
Db      181  ACCCAAAACCAACACTAGCCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTTCCTGGGTG 240

Qy      241  TCCTAGACCAAGGACACTGGCAGACTTCCAGAAAGGCCCCCAAGGCCCTAACCTGTCCA 300
Db      241  TCCTAGACCAAGGACACTGGCAGACTTCCAGAAAGGCCCCCAAGGCCCTAACCTGTCCA 300

Qy      301  GCCAGACATCGCTCTCAGCAGAGCTGCTTCCCAAGCCTTGATGACAAACCAATTTCC 360
Db      301  GCCAGACATCGCTCTCAGCAGAGCTGCTTCCCAAGCCTTGATGACAAACCAATTTCC 360

Qy      361  CTCGATGATGCTTCTTGAGTGTCTGCTGAGGAACAAATGGGAAGTCTGCCCAGCAGAA 420
Db      361  CTCGATGATGCTTCTTGAGTGTCTGCTGAGGAACAAATGGGAAGTCTGCCCAGCAGAA 420

Qy      421  AAAATCTCTGCCAAGCCAAAGCTTGAAGTTCCTCTGTCCAAAGGCCAGGACTGTGACCAT 480
Db      421  AAAATCTCTGCCAAGCCAAAGCTTGAAGTTCCTCTGTCCAAAGGCCAGGACTGTGACCAT 480

Qy      481  GBRAGCAGAGNAGCAAGGCCACAGCGTGGCCCTGGGCAGTTTCCCGGCGAGTGGCCCC 540
Db      481  GBRAGCAGAGNAGCAAGGCCACAGCGTGGCCCTGGGCAGTTTCCCGGCGAGTGGCCCC 540

Qy      541  GGCGAGCTGTGCTGAGACTCTGGGGAGCCATTGACCATCGTCTCTGAGGATGAGACTG 600
Db      541  GGCGAGCTGTGCTGAGACTCTGGGGAGCCATTGACCATCGTCTCTGAGGATGAGACTG 600

Qy      601  GTGGACGGTCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCGGCGCTCCACGTGGG 660
Db      601  GTGGACGGTCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCGGCGCTCCACGTGGG 660
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601 GTGGACGGTGTCTGTGAAGTCTCAGGCAGAGAGTAAATATCCACGGCTCCACGTGGG 660
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661 CAAAGTCTCCATGGTGTGTATCAGGGCTGTGAGCGGGAAGCAGAGAACTGCT 720
Qy
661 CAAAGTCTCCATGGTGTGTATGAGGGCTGTGAGCGGGAAGCAGAGAACTGCT 720
Db
721 GTTGTACCTGGAAACCTTGGAGGGCTTCTCATCCGGGAGAGCCAGACAGAGAGG 780
Qy
721 GTTGTACCTGGAAACCTTGGAGGGCTTCTCATCCGGGAGAGCCAGACAGAGAGG 780
Db
781 CTCTTACTCTCTGTAGTCCGCTCAGCCGCTGTGATCTGGGACCGGATCAGACACTA 840
Qy
781 CTCTTACTCTCTGTAGTCCGCTCAGCCGCTGTGATCTGGGACCGGATCAGACACTA 840
Db
841 CAGATCCACTGCTTGTGACAACTGGCTGTGATCTCACCAGGCTCACCTTCCCTTC 900
Qy
841 CAGATCCACTGCTTGTGACAACTGGCTGTGATCTCACCAGGCTCACCTTCCCTTC 900
Db
901 ACTCCAGGCTGTGTGAGCACTTACTCTGAGCTGGCGGATGACATCTGTGCTACTCAA 960
Qy
901 ACTCCAGGCTGTGTGAGCACTTACTCTGAGCTGGCGGATGACATCTGTGCTACTCAA 960
Db
961 GGAGCCCTGTGTCTGAGAGGGCTGCGCCGCTCCCTGGCAAGATATACCCCTACTCT 1020
Qy
961 GGAGCCCTGTGTCTGAGAGGGCTGCGCCGCTCCCTGGCAAGATATACCCCTACTCT 1020
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1021 GACTGTGAGAGGACACCACTCACTGAGAAAGAGCTGGAGCTCCCTCTGTTTCTGA 1080
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1081 AGCTGCCACAGGAGAGAGTCTTCTCAGTGGGCTTCCGGAGTCCCTCAGCTTCTA 1140
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1141 CATGAGCTGAATGACGAGGCTGTCTTTGGATGATGCTAG 1183
Qy
1141 CATGAGCTGAATGACGAGGCTGTCTTTGGATGATGCTAG 1183
Db

RESULT 2
US-09-939-853A-76/C
; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-76

Query Match 100.0%; Score 1183; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTAGAGCTCCAGGACCCAGCCTGTCTCTGTGACAGAGCTCAAGGGCCCTGGG 60
Db 1183 AGCTAGAGCTCCAGGACCCAGCCTGTCTCTGTGACAGAGCTCAAGGGCCCTGGG 1124

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Db 43 CATCAGCCTGAATGACGAGGCTGTCTCTTTGGATGATGCCTAG 1
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Db 43 CATCAGCCTGAATGACGAGGCTGTCTCTTTGGATGATGCCTAG 1
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RESULT 3
US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; TITLE OF INVENTION: Retroviral-based Functional Screen
; FILE REFERENCE: A-70219-1/RMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260,953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(786)
; OTHER INFORMATION:
US-10-043-649-1

Query Match 62.1%; Score 735; DB 14; Length 786;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 398 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAGCCCAAGCTTCAAGTTCCTCTGTC 457
Db 1 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAGCCCAAGCTTCAAGTTCCTCTGTC 60
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Qy 458 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAAAGCCACAGCCGTGGCCCTG 517
Db 61 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAAAGCCACAGCCGTGGCCCTG 120
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Qy 518 GGCAGTTTCCCGCAGAGTGGCCCGCAGCTGTGCTGAGACTCGGGAGCCATTGACC 577
Db 121 GGCAGTTTCCCGCAGAGTGGCCCGCAGCTGTGCTGAGACTCGGGAGCCATTGACC 180
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Qy 578 ATCTCTCTGAGGATGGAGACTGTGTGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 637
Db 181 ATCTCTCTGAGGATGGAGACTGTGTGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 240
|||||
Qy 638 AACATCCCGACGTCACAGTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCTTGAGC 697
Db 241 AACATCCCGACGTCACAGTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCTTGAGC 300
|||||
Qy 698 AGGAGAAAGCAGAGGAATCTCTGTGTATCTGGGAAACCTCGAGGGCCCTTCTCATC 757
Db 301 AGGAGAAAGCAGAGGAATCTCTGTGTATCTGGGAAACCTCGAGGGCCCTTCTCATC 360
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Qy 758 CGGAGAGCCAGACGAGAGGCTTCTTACTCTGTCTGAGTCCGCTCAGCGCCCTGCA 817
Db 361 CGGAGAGCCAGACGAGAGGCTTCTTACTCTGTCTGAGTCCGCTCAGCGCCCTGCA 420
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RESULT 4
US-10-432-746A-4
; Sequence 4, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-4

Query Match 62.1%; Score 735; DB 17; Length 786;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 398 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAGCCCAAGCTTCAAGTTCCTCTGTC 457
Db 1 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAGCCCAAGCTTCAAGTTCCTCTGTC 60
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Qy 458 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAAAGCCACAGCCGTGGCCCTG 517
Db 61 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAAAGCCACAGCCGTGGCCCTG 120
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Qy 518 GGCAGTTTCCCGCAGAGTGGCCCGCAGCTGTGCTGAGACTCGGGAGCCATTGACC 577
Db 121 GGCAGTTTCCCGCAGAGTGGCCCGCAGCTGTGCTGAGACTCGGGAGCCATTGACC 180
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Qy 578 ATCTCTCTGAGGATGGAGACTGTGTGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 637
Db 181 ATCTCTCTGAGGATGGAGACTGTGTGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 240
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Qy 638 AACATCCCGACGTCACAGTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCTTGAGC 697
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241 AACATCCCAAGCGTCCACGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 300
698 AGGAGAAAGACAGAGAACTGCTGTTGTACCTGGGAACCCCTGGAGGGCCCTTCTCATC 757
301 AGGAGAAAGACAGAGAACTGCTGTTGTACCTGGGAACCCCTGGAGGGCCCTTCTCATC 360
758 CGGAGAGCCAGACCAAGGAGAGCTCTTACTCTGTGTAGTCCGGCTCAGCGCCCTGCA 817
361 CGGAGAGCCAGACCAAGGAGAGCTCTTACTCTGTGTAGTCCGGCTCAGCGCCCTGCA 420
818 TCCTGGAGCCGATCAGACACTACGATCCACTGCTTTGACAATGGCTGGCTGTACATC 877
421 TCCTGGAGCCGATCAGACACTACGATCCACTGCTTTGACAATGGCTGGCTGTACATC 480
878 TCACCGCGCTCAGCTTCCCTCCACTCCAGGCCCTCGTGGACCAATTACTCTGAGCTGGG 937
481 TCACCGCGCTCAGCTTCCCTCCACTCCAGGCCCTCGTGGACCAATTACTCTGAGCTGGG 540
938 GATGACATCTGCTGCTTACTCAAGAGCCCTGTGCTGAGAGGCTGGCCGCTCCCT 997
541 GATGACATCTGCTGCTTACTCAAGAGCCCTGTGCTGAGAGGCTGGCCGCTCCCT 600
998 GGCAGAGATATACCCCTTACTGTGACTGTGACAGGACCACTCACTGGAAGAGCTG 1057
601 GGCAGAGATATACCCCTTACTGTGACTGTGACAGGACCACTCACTGGAAGAGCTG 660
1058 GACAGCTCCCTGCTGTTTCTGAAGCTGCCACAGGGGAGAGTCTTCTTCACTGAGGCT 1117
661 GACAGCTCCCTGCTGTTTCTGAAGCTGCCACAGGGGAGAGTCTTCTTCACTGAGGCT 720
1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCCCTGAATCAGAGGCTGTCTTTGGATGAT 1177
721 CTCGGGAGTCCCTCAGCTTCTACATCAGCCCTGAATCAGAGGCTGTCTTTGGATGAT 780
1178 GCCTAG 1183
781 GCCTAG 786

RESULT 5
US-09-814-353-21302
; Sequence 21302, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21302
; LENGTH: 864
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

NAME/KEY: misc_feature
; LOCATION: 1, 2, 3, 32, 862, 863, 864
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21302

Query Match 61.2%; Score 724; DB 10; Length 864;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 774; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2 GCTAGAGCTCCAAAGGACCCACGCTGTCTCTGTGACAGAGCTCAAGAGGCCCTGGGC 61
54 GCTAGAGCTCCAAAGGACCCACGCTGTCTCTGTGACAGAGCTCAAGAGGCCCTGGGC 113
62 CTTCCCTCCCTGCTGGCTGTCTGTGGAGGGTCCCCAGTCCAGAAATCCCTAAAGAGC 121
114 CTTCCCTCCCTGCTGGCTGTCTGTGGAGGGTCCCCAGTCCAGAAATCCCTAAAGAGC 173
122 ATGGGGCAGCTGATCCATCCCTGCTGTACAACTGTGACAGACAGATGCTAGCTA 181
174 ATGGGGCAGCTGATCCATCCCTGCTGTACAACTGTGACAGACAGATGCTAGCTA 233
182 CCAAAACAAACCTAGCTCTCCCTGAGAGATCCTCCAGGCTGAGAGATTTCTGGGTGT 241
234 CCAAAACAAACCTAGCTCTCCCTGAGAGATCCTCCAGGCTGAGAGATTTCTGGGTGT 293
242 CCTAGGACCAAGGACACTGGCAGACTTCCAGAAAGGGCCCCAAAGCCCTAACCTGTCCAG 301
294 CCTAGGACCAAGGACACTGGCAGACTTCCAGAAAGGGCCCCAAAGCCCTAACCTGTCCAG 353
302 CCAGAGCATGCGTCTAGCAGAGCTGTCTCCCAAGCCCTTTGATGACAAACCAATTTCCC 361
354 CCAGAGCATGCGTCTAGCAGAGCTGTCTCCCAAGCCCTTTGATGACAAACCAATTTCCC 413
362 TCGATGATGCTCTTCTGAGTCTCTGCTGAGGAACTGGGAACTGTGCCCAGCAGAGA 421
414 TCGATGATGCTCTTCTGAGTCTCTGCTGAGGAACTGGGAACTGTGCCCAGCAGAGA 473
422 AAATCTCTGCCAAAGCCCAAGCTTGAGTTCTCTGCTCAAGGCCAGGACCTGTGACCATG 481
474 AAATCTCTGCCAAAGCCCAAGCTTGAGTTCTCTGCTCAAGGCCAGGACCTGTGACCATG 533
482 GAAGCAGAGAGAGCAAGGCCACAGCCCTGGCCCTGGGCACTTTCCCGGCAAGGTGGCCG 541
534 GAAGCAGAGAGAGCAAGGCCACAGCCCTGGCCCTGGGCACTTTCCCGGCAAGGTGGCCG 593
542 GCCGAGCTGCTCGCTGAGACTCGGGGAGCCATTTGACCATCGTCTCTGAGGATGGAGACTGG 601
594 GCCGAGCTGCTCGCTGAGACTCGGGGAGCCATTTGACCATCGTCTCTGAGGATGGAGACTGG 653
602 TGAACGCTGCTGCTGAGTCTCAGGACAGAGTATAACATCCCGAGCTCCACGTGGGC 661
654 TGAACGCTGCTGCTGAGTCTCAGGACAGAGTATAACATCCCGAGCTCCACGTGGGC 713
662 AAAGTCTCCATGGGTGGCTGTATGAGGCTTGACAGGAGCAAGAGCAGAGAACTGCTG 721
714 AAAGTCTCCATGGGTGGCTGTATGAGGCTTGACAGGAGCAAGAGCAGAGAACTGCTG 773
722 TTGTTACTGGGAACCCCTGAGAGGGCTTCTTCATCCGGGAGAGCCAGACACAGGA 776
774 TTGTTACTGGGAACCCCTGAGAGGGCTTCTTCATCCGGGAGAGCCAGACACAGGA 828

RESULT 6
US-09-867-550-953
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and


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; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953

Query Match      55.5%; Score 657; DB 9; Length 763;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 757; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 117 GGAGCATGGGCGAGCTGATCCATCCCTGGTGTACAACTGCTGACTGCAGACAGATGCTG 176
Db 5 GGAGCATGGGCGAGCTGATCCATCCCTGGTGTACAACTGCTGACTGCAGACAGATGCTG 64
Qy 177 AGCTACCCAAACCAACACCTAGCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTCTG 236
Db 65 AGCTACCCAAACCAACACCTAGCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTCTG 124
Qy 237 GGTGTCTTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGCCCTAACTG 296
Db 125 GATGTCTTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGCCCTAACTG 184
Qy 297 TCCAGCCAGAGCATGCGTCTCAGCAGAGCTGTCTTCCCAAGCCCTTGTATGACAAACCAAT 356
Db 185 TCCAGCCAGAGCATGCGTCTCAGCAGAGCTGTCTTCCCAAGCCCTTGTATGACAAACCAAT 244
Qy 357 TTCCCTCGATGATGTCTTCTGAGTGTCTCTGAGGAACTTCCAGAGGCTGAGAGTCTG 416
Db 245 TTCCCTCGATGATGTCTTCTGAGTGTCTCTGAGGAACTTCCAGAGGCTGAGAGTCTG 304
Qy 417 GAAGAAATCTCTGCAAGCCCAAGCTTGAAGTCTCTGTCCTCAAGGCGCAGGACCTGTGA 476
Db 305 GAAGAAATCTCTGCAAGCCCAAGCTTGAAGTCTCTGTCCTCAAGGCGCAGGACCTGTGA 364
Qy 477 CCATGGAAGCAGAGAGAGCAAGGCGCACAGCCGTGGGCCCTGGGCGAGTTTCCCGCGAGTG 536
Db 365 CCATGGAAGCAGAGAGAGCAAGGCGCACAGCCGTGGGCCCTGGGCGAGTTTCCCGCGAGTG 424
Qy 537 GCCCGCGGAGCTCTCGCTGAGATCCGGGAGCCATTGACCATCTCTCTGAGGATGGAG 596
Db 425 GCCCGCGGAGCTCTCGCTGAGATCCGGGAGCCATTGACCATCTCTCTGAGGATGGAG 484
Qy 597 ACTGGTGGACCGGTGTCTGTAAGTCTCAGGACAGAGATATAACATCCCGAGCGTCCACG 656
Db 485 ACTGGTGGACCGGTGTCTGTAAGTCTCAGGACAGAGATATAACATCCCGAGCGTCCACG 544
Qy 657 TGGGCAAGTCTCCATGGGTGGTGTATGAGGCGCTGAGCAGGAGGAGAAAGCAGAGGAAC 716
Db 545 TGGCCAAAGTCTCCATGGGTGGTGTATGAGGCGCTGAGCAGGAGGAGAAAGCAGAGGAAC 604
Qy 717 TGCTGTGTTACCTGGGAAACCTGGAGGGGCTTCTCATCCCGGAGAGCCAGACACAGGA 776
Db 605 TGCTGTGTTACCTGGGAAACCTGGAGGGGCTTCTCATCCCGGAGAGCCAGACACAGGA 664
Qy 777 GAGGCTCTTACTCTCTGTGAGTCCGCTCAGCCGCTTGCATCTCTGGGACCGGATCAGAC 836
Db 665 GAGGCTCTTACTCTCTGTGAGTCCGCTCAGCCGCTTGCATCTCTGGGACCGGATCAGAC 724
Qy 837 ACTACAGATCCATGCTGCTTGAACAAATGGCTGGCTGTACA 875
Db 725 ACTACAGATCCATGCTGCTTGAACAAATGGCTGGCTGTACA 763
```

RESULT 7
US-10-432-746A-6

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; Sequence 6, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-6

Query Match      40.8%; Score 483; DB 17; Length 737;
Best Local Similarity 99.8%; Pred. No. 3.4e-240;
Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 398 ATGGGAAGTCTGCCAGCAGAGAAGAAATCTCTGCCAAGCCCAAGCTTGTAGTTCTCTGTC 457
Db 1 ATGGGAAGTCTGCCAGCAGAGAAGAAATCTCTGCCAAGCCCAAGCTTGTAGTTCTCTGTC 60
Qy 458 CAAGCCAGGAGCCTGTGACATCGAAGACAGAGAGAGCAAGGCCACAGCCGTGGCCCTG 517
Db 61 CAAGCCAGGAGCCTGTGACATCGAAGACAGAGAGAGCAAGGCCACAGCCGTGGCCCTG 120
Qy 518 GGCAGTTTCCCGCAGGTGGCCGCGGAGCTGCGTGAGACTCGGGGAGCCATTGACC 577
Db 121 GGCAGTTTCCCGCAGGTGGCCGCGGAGCTGCGTGAGACTCGGGGAGCCATTGACC 180
Qy 578 ATCGTCTCTGAGGATGAGAGCTGCTGAGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 637
Db 181 ATCGTCTCTGAGGATGAGAGCTGCTGAGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 240
Qy 638 AACATCCCGACGCTCCACGTGGGCAAAAGTCTCCCATGGGTGGTGTATGAGGGGCTGAGC 697
Db 241 AACATCCCGACGCTCCACGTGGGCAAAAGTCTCCCATGGGTGGTGTATGAGGGGCTGAGC 300
Qy 698 AGGAGAGAAACAGAGGAACCTGCTGTTTACCTGGGAACCTCGAGGGGCTTCTCTCATC 757
Db 301 AGGAGAGAAACAGAGGAACCTGCTGTTTACCTGGGAACCTCGAGGGGCTTCTCTCATC 360
Qy 758 CGGAGAGCCAGACCCAGGAGAGGCTCTTACTCTGTCTGTCAGTCCGCTCAGCCGCTTGA 817
Db 361 CGGAGAGCCAGACCCAGGAGAGGCTCTTACTCTGTCTGTCAGTCCGCTCAGCCGCTTGA 420
Qy 818 TCCTGGAGCCGATTCAGACTACAGGATCCATGCTTGCCTTGAATGCTGGCTGTATCATC 877
Db 421 TCCTGGAGCCGATTCAGACTACAGGATCCATGCTTGCCTTGAATGCTGGCTGTATCATC 480
Qy 878 TCACCGGCTCCTACCTTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTGAG 931
Db 481 TCACCGGCTCCTACCTTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTGAG 534

RESULT 8
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Feiyan
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; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aigong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wehrman, Tom
; APPLICANT: Dmanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 797CON
; CURRENT APPLICATION NUMBER: US/10/115,635
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 09/714,936
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 362
; SOFTWARE: pc_files Version 2.0
; SEQ ID NO 120
; LENGTH: 1413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54)..(686)
US-10-115-635-120

Query Match      39.6%; Score 468; DB 17; Length 1413;
Best Local Similarity 99.6%; Pred. No. 1.9e-232;
Matches 568; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 345 TGACAAACCAATTTCCCTCGATGATGCTCTGAGTGCTCTGCTGAGGAAACAATGGGAA 404
DB 1 TGACAAACCAATTTCCCTCGATGATGCTCTGAGTGCTCTGCTGAGGAAACAATGGGAG 60

QY 405 GTCTGCCAGCAGAGAAATCTCTGCAAGCCCAAGCTTGAGTTCCTCTGTCCAGAGCC 464
DB 61 GTCTGCCAGCAGAGAAATCTCTGCAAGCCCAAGCTTGAGTTCCTCTGTCCAGAGCC 120

QY 465 AGGGACCTGTGACCATGGAAGCAGAGAGCAAGCAGAGCCAGCCGCTGGCCCTGGGAGTT 524
DB 121 AGGGACCTGTGACCATGGAAGCAGAGAGCAAGCAGAGCCAGCCGCTGGCCCTGGGAGTT 180

QY 525 TCCCGCAGGTGGCCCGCCGAGCTGTCTGAGACTCGGGAGCCATTGACCATCTCT 584
DB 181 TCCCGCAGGTGGCCCGCCGAGCTGTCTGAGACTCGGGAGCCATTGACCATCTCT 240

QY 585 CTGAGATGAGACTGTGTGGAGCGGTGCTGTGAAGTCTAGGCAGAGAGTATAACATCC 644
DB 241 CTGAGATGAGACTGTGTGGAGCGGTGCTGTGAAGTCTAGGCAGAGAGTATAACATCC 300

QY 645 CCAGCGTCCACGTGGGCAAGTCTCCCATGGTGGCTGTATGAGGGCTGAGCAGGGAGA 704
DB 301 CCAGCGTCCACGTGGGCAAGTCTCCCATGGTGGCTGTATGAGGGCTGAGCAGGGAGA 360

QY 705 AAGCAGAGGAATCTGTGTTTACCTGGGAACCCCTGGAGGGGCTTCTATCCGGGAGA 764
DB 361 AAGCAGAGGAATCTGTGTTTACCTGGGAACCCCTGGAGGGGCTTCTATCCGGGAGA 420

QY 765 GCCAGACCGAGAGAGCTCTTACTCTCTGTCAGTCCGCTCAGCGCCCTGCATCCTGGG 824
DB 421 GCCAGACCGAGAGAGCTCTTACTCTCTGTCAGTCCGCTCAGCGCCCTGCATCCTGGG 480

QY 825 ACCGGATCAGACTACAGATCCACTGCTTGAACAATGGCTGGCTGTACATCTCACCGC 884
DB 481 ACCGGATCAGACTACAGATCCACTGCTTGAACAATGGCTGGCTGTACATCTCACCGC 540

QY 885 GCCTCACTTCCCTCACTCCAGGCCCTGG 914
DB 541 GCCTCACTTCCCTCACTCCAGGCCCTGG 570

RESULT 9
US-09-867-550-951
; Sequence 951, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1915
; LENGTH: 875
; TYPE: DNA
; ORGANISM: Homo sapiens
;

; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 951
; LENGTH: 444
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-951

Query Match      29.4%; Score 348; DB 9; Length 444;
Best Local Similarity 100.0%; Pred. No. 5e-170;
Matches 348; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 CCTAGGACCAAGGACACTGGCAGACTTCCAGAAAGGGCCCCCAAGCCCTAACCTGTCCAG 301
DB 1 CCTAGGACCAAGGACACTGGCAGACTTCCAGAAAGGGCCCCCAAGCCCTAACCTGTCCAG 60

QY 302 CCAGAGCATGCGTCTCAGCAGAGCTGTCTCCCAAGCCTTTGATGACAAACCAATTTCCC 361
DB 61 CCAGAGCATGCGTCTCAGCAGAGCTGTCTCCCAAGCCTTTGATGACAAACCAATTTCCC 120

QY 362 TCGATGATGTCTTCTGAGTGCTCTGCTGAGGAAACAATGGGAAGTGTGCCAGCAGAGA 421
DB 121 TCGATGATGTCTTCTGAGTGCTCTGCTGAGGAAACAATGGGAAGTGTGCCAGCAGAGA 180

QY 422 AAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTCAGAGCCAGGACCTGTGACCATG 481
DB 181 AAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTCAGAGCCAGGACCTGTGACCATG 240

QY 482 GAAGCAGAGAGAGCAAGCCAGCCAGCCGCTGGCCCTGGGCAGTTCCTCCGGCAGGTGGCCG 541
DB 241 GAAGCAGAGAGAGCAAGCCAGCCAGCCGCTGGCCCTGGGCAGTTCCTCCGGCAGGTGGCCG 300

QY 542 GCCGAGCTCTCGCTGAGACTCGGGAGGCCATTGACCATCGTCTCTGAG 589
DB 301 GCCGAGCTCTCGCTGAGACTCGGGAGGCCATTGACCATCGTCTCTGAG 348

RESULT 10
US-09-867-550-1915
; Sequence 1915, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1915
; LENGTH: 875
; TYPE: DNA
; ORGANISM: Homo sapiens
;

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PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 19612
LENGTH: 96
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN HEAT, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
OTHER INFORMATION: NT HIT: AF000716.1, EVALUATE 1.70e-01
OTHER INFORMATION: EST HUMAN HIT: A1125308.1, EVALUATE 2.10e-01
US-09-864-761-19612
Query Match 8.1%; Score 96; DB 9; Length 96;
Best Local Similarity 100.0%; Pred. No. 5e-39;
Matches 96; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 967 CTGTGTCCTGCAGAGGGCTGGCCGCTCCCTGCGAAGGATATACCCCTACCTGCTGCTGT 1026
Db 1 CTGTGTCCTGCAGAGGGCTGGCCGCTCCCTGCGAAGGATATACCCCTACCTGCTGCTGT 60
Qy 1027 GCAGAGGACACCACTCACTGGAAGAGCTGGACAG 1062
Db 61 GCAGAGGACACCACTCACTGGAAGAGCTGGACAG 96
RESULT 14
US-09-814-353-17314
Sequence 17314, Application US/09814353
Publication No. US20030165831A1
GENERAL INFORMATION:
APPLICANT: Lee, John

PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 15513
LENGTH: 448
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.1
US-09-864-761-15513
Query Match 11.3%; Score 134; DB 9; Length 448;
Best Local Similarity 100.0%; Pred. No. 7.5e-59;
Matches 134; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 929 GAGCTGGCGGATGACATCTGCTCAAGAGGCCCTGTGCTCTGCAGAGGGCTGGC 988
Db 286 GAGCTGGCGGATGACATCTGCTCAAGAGGCCCTGTGCTCTGCAGAGGGCTGGC 345
Qy 989 CCGCTCCCTGCGAAGGATATACCCCTACCTGTGCTGCTGCAGAGACCACTCACTGG 1048
Db 346 CCGCTCCCTGCGAAGGATATACCCCTACCTGTGCTGCTGCAGAGACCACTCACTGG 405
Qy 1049 AAAGAGCTGCAGAC 1062
Db 406 AAAGAGCTGCAGAC 419
RESULT 13
US-09-864-761-19612
Sequence 19612, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aecomica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26

```
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17314
; LENGTH: 320
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-814-353-17314

Query Match      7.4%; Score 87; DB 10; Length 320;
Best Local Similarity 100.0%; Pred. No. 2e-34;
Matches 87; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 608
Db 103 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 162

Qy 609 TGCTGTCTGAAGTCTCAGGAGAGT 635
Db 163 TGCTGTCTGAAGTCTCAGGAGAGT 189

RESULT 15
; Sequence 4631, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4631
; LENGTH: 152
; TYPE: DNA
; ORGANISM: Homo sapiens
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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 17, 102, 112
; OTHER INFORMATION: n = A,T,C or G
; US-09-814-353-4631

Query Match      6.5%; Score 77; DB 10; Length 152;
Best Local Similarity 100.0%; Pred. No. 3.5e-29;
Matches 77; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 608
Db 25 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 84

Qy 609 TGCTGTCTGAAGTCTCA 625
Db 85 TGCTGTCTGAAGTCTCA 101

RESULT 16
; Sequence 10930, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10930
; LENGTH: 152
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 17, 102, 112
; OTHER INFORMATION: n = A,T,C or G
; US-09-814-353-10930

Query Match      6.5%; Score 77; DB 10; Length 152;
Best Local Similarity 100.0%; Pred. No. 3.5e-29;
Matches 77; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 608
Db 25 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 84

Qy 609 TGCTGTCTGAAGTCTCA 625
Db 85 TGCTGTCTGAAGTCTCA 101

RESULT 17
; Sequence 2, Application US/10432746A
; US-10-432-746A-2
```

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; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR FILING DATE: 2001-11-26
; PRIOR FILING DATE: 2001-11-26
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 777
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-2

Query Match      3.6%; Score 43; DB 17; Length 777;
Best Local Similarity 100.0%; Pred. No. 1.3e-11;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAGGGGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 782
DB 340 GGAGGGGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 382

RESULT 18
US-10-432-746A-1
; Sequence 1, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR FILING DATE: 2001-11-26
; PRIOR FILING DATE: 2001-11-26
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 1348
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-1

Query Match      3.6%; Score 43; DB 17; Length 1348;
Best Local Similarity 100.0%; Pred. No. 1.2e-11;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAGGGGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 782
DB 621 GGAGGGGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 663

RESULT 19
US-09-939-853A-141/c
; Sequence 141, Application US/0939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-25

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; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-141

Query Match      2.2%; Score 26; DB 11; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 251 AAGGACACTGGCAGACTTCCAGAGG 276
DB 26 AAGGACACTGGCAGACTTCCAGAGG 1

RESULT 20
US-10-432-746A-15/c
; Sequence 15, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-15

Query Match      2.1%; Score 25; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.045;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1159 GGCTGTCTCTTTGGATGATGCCTAG 1183
DB 25 GGCTGTCTCTTTGGATGATGCCTAG 1

RESULT 21
US-10-432-746A-16
; Sequence 16, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26

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; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-16

Query Match 2.1%; Score 25; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.045; 0; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 773 AGGAGAGGCTCTTACTCTCTGTCTGTCAG 797
Db 1 AGGAGAGGCTCTTACTCTCTGTCTGTCAG 25

RESULT 22
US-10-432-746A-17/c
; Sequence 17, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477,102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-17

Query Match 2.1%; Score 25; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.045; 0; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1159 GGCTGTCTCTTTGGATGATGCCTAG 1183
Db 25 GGCTGTCTCTTTGGATGATGCCTAG 1

RESULT 23
US-10-432-746A-14
; Sequence 14, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477,102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14

; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-14

Query Match 1.9%; Score 23; DB 17; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.5; 0; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0;

QY 398 ATGGGAAGTCTGCCAGCAGAG 420
Db 1 ATGGGAAGTCTGCCAGCAGAG 23

RESULT 24
US-09-939-853A-142
; Sequence 142, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-142

Query Match 1.9%; Score 22; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.7; 0; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;

QY 224 TGAGAGAGTTCTGGGTGTCCTA 245
Db 1 TGAGAGAGTTCTGGGTGTCCTA 22

RESULT 25
US-10-062-674-2188/c
; Sequence 2188, Application US/10062674
; Publication No. US20040005559A1
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.
; TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
; FILE REFERENCE: PA-0026-1 CIP
; CURRENT APPLICATION NUMBER: US/10/062,674
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: US 09/625,102
; PRIOR FILING DATE: 2000-07-24
; NUMBER OF SEQ ID NOS: 2217
; SOFTWARE: PERL Program
; SEQ ID NO 2188
; LENGTH: 701
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

Mon Jan 3 11:32:12 2005

NAME/KEY: misc feature
OTHER INFORMATION: incyte ID No. US2004005559A1 893157.1
FEATURE:
NAME/KEY: unsure
LOCATION: (1) ... (701)
OTHER INFORMATION: a, t, c, g, or other
US-10-062-674-2188

Query Match 1.8%; Score 21; DB 16; Length 701;
Best Local Similarity 100.0%; Pred. No. 3.6;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 TGGCCCTGGCAGTTTCCCGG 530
DB 285 TGGCCCTGGCAGTTTCCCGG 265

RESULT 26
US-09-939-853A-140/c
Sequence 140, Application US/09939853A
Publication No. US20040039163A1
GENERAL INFORMATION:
APPLICANT: Burgess et al.
TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-099
CURRENT APPLICATION NUMBER: US/09/939,853A
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/228,191
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: 60/267,300
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/269,961
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/277,337
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 159
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 140
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-140

Query Match 1.7%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CAAAGCCCTAACCTGTCCAG 301
DB 20 CAAAGCCCTAACCTGTCCAG 1

RESULT 27
US-10-674-124A-3306/c
Sequence 3306, Application US/10674124A
Publication No. US2004019797A1
GENERAL INFORMATION:
APPLICANT: INOKO, Hidetoshi
APPLICANT: TAMAYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR FILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: JP2000-112699
PRIOR FILING DATE: 2000-04-13

PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR FILING DATE: 2002-09-28
PRIOR APPLICATION NUMBER: JP2002-383869
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
SEQ ID NO 3306
LENGTH: 430
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: AC016673.3_64436
FEATURE:
OTHER INFORMATION: Located on chromosome 2
FEATURE:
OTHER INFORMATION: Distance between a terminus base of telomere on
OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base
OTHER INFORMATION: sequence : 116726341
FEATURE:
OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of
OTHER INFORMATION: sequence listing upward to telomere on chromosomal short arm and
OTHER INFORMATION: 5'-terminus of this base sequence : 86039
US-10-674-124A-3306

Query Match 1.7%; Score 20; DB 18; Length 430;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 472 TGTGACCATGGAGCAGAGA 491
DB 364 TGTGACCATGGAGCAGAGA 345

RESULT 28
US-10-027-632-195852/c
Sequence 195852, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
POLYMORPHISMS IN THE HUMAN GENOME
FILE REFERENCE: 10827-129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 195852
LENGTH: 611
TYPE: DNA
ORGANISM: Human
US-10-027-632-195852

Query Match 1.7%; Score 20; DB 13; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 CACTGGCAGACTTCCAGAAG 275
DB 503 CACTGGCAGACTTCCAGAAG 484


```
RESULT 29
US-10-027-632-195852/c
; Sequence 195852, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195852

Query Match      1.7%; Score 20; DB 15; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 CACTGGCAGACTTCAGAG 275
Db 503 CACTGGCAGACTTCAGAG 484

RESULT 30
US-10-027-632-107077
; Sequence 107077, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 107077
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-107077

Query Match      1.7%; Score 20; DB 15; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 CACTGGCAGACTTCAGAG 275
Db 503 CACTGGCAGACTTCAGAG 484
```

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; ORGANISM: Human
US-10-027-632-107077

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCGGAGAGC 766
Db 71 CCTTCCTCATCGGAGAGC 90

RESULT 31
US-10-027-632-142058
; Sequence 142058, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142058
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142058

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCGGAGAGC 766
Db 71 CCTTCCTCATCGGAGAGC 90

RESULT 32
US-10-027-632-142059
; Sequence 142059, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
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; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142059
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142059

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
   |||||||
Db 71 CCTTCCTCATCCGGGAGGC 90

RESULT 33
US-10-027-632-142060
; Sequence 142060, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US 60/167,363
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 60/156,358
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142060
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142060

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
   |||||||
Db 71 CCTTCCTCATCCGGGAGGC 90

RESULT 34
US-10-027-632-107077
; Sequence 107077, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US 60/167,363
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142060
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142060

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
   |||||||
Db 71 CCTTCCTCATCCGGGAGGC 90

RESULT 35
US-10-027-632-142058
; Sequence 142058, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US 60/167,363
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142058
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142058

Query Match      1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
   |||||||
Db 71 CCTTCCTCATCCGGGAGGC 90

```

```
Db 71 CCTTCCTCATCCGGGAGAC 90

RESULT 36
US-10-027-632-142059
; Sequence 142059, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142059
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142059

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGGAGAC 766
Db 71 CCTTCCTCATCCGGGAGAC 90

RESULT 37
US-10-027-632-142060
; Sequence 142060, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142060
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142060

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGGAGAC 766
Db 71 CCTTCCTCATCCGGGAGAC 90

RESULT 38
US-10-027-632-26286
; Sequence 26286, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26286
; LENGTH: 711
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-26286

Query Match 1.7%; Score 20; DB 13; Length 711;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGGAGAC 766
Db 72 CCTTCCTCATCCGGGAGAC 91

RESULT 39
US-10-027-632-26286
; Sequence 26286, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
```

PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26286
LENGTH: 711
TYPE: DNA
ORGANISM: Human
US-10-027-632-26286

Query Match 1.7%; Score 20; DB 15; Length 711;
Best Local Similarity 100.0%; Pred. No. 12; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 747 CCTTCCTCATCCGGGAGGC 766
Db 72 CCTTCCTCATCCGGGAGGC 91

RESULT 40
US-10-260-238-640
Sequence 640, Application US/10260238
Publication No. US20040016025A1
GENERAL INFORMATION:
APPLICANT: Budworth, Paul R.
APPLICANT: Moughamer, Todd G.
APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
APPLICANT: Glazebrook, Jane
APPLICANT: Goff, Stephen A.
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Kreps, Joel
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Darrell
APPLICANT: Zhu, Tong
TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
FILE REFERENCE: 60111-NP
CURRENT APPLICATION NUMBER: US/10/260,238
CURRENT FILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 60/325,448
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR FILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 6077
SEQ ID NO 640
LENGTH: 934
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
NAME/KEY: N region
LOCATION: (618)..(618)
OTHER INFORMATION: n = any nucleotide
FEATURE:
NAME/KEY: N region
LOCATION: (622)..(622)
OTHER INFORMATION: n = any nucleotide
FEATURE:
NAME/KEY: N region
LOCATION: (816)..(816)
OTHER INFORMATION: n = any nucleotide
US-10-260-238-640

Query Match 1.7%; Score 20; DB 16; Length 934;
Best Local Similarity 100.0%; Pred. No. 12; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 538 CCGGCCGAGCTGCGCTGA 557
Db 421 CCGGCCGAGCTGCGCTGA 440

RESULT 41
US-09-997-722-234
Sequence 234, Application US/09997722
Publication No. US20040072154A1
GENERAL INFORMATION:
APPLICANT: Morris, David
APPLICANT: Engelhard, Eric
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
FILE REFERENCE: A-71171/RMS/DCF
CURRENT APPLICATION NUMBER: US/09/997,722
CURRENT FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 301
SOFTWARE: PatentIn version 3.1
SEQ ID NO 234
LENGTH: 1530
TYPE: DNA
ORGANISM: Homo sapiens
US-09-997-722-234

Query Match 1.7%; Score 20; DB 11; Length 1530;
Best Local Similarity 100.0%; Pred. No. 11; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 747 CCTTCCTCATCCGGGAGGC 766
Db 449 CCTTCCTCATCCGGGAGGC 468

RESULT 42
US-10-437-963-39229
Sequence 39229, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 39229
LENGTH: 1636
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_42790C.1
US-10-437-963-39229

Query Match 1.7%; Score 20; DB 17; Length 1636;
Best Local Similarity 100.0%; Pred. No. 11; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 538 CCGGCCGAGCTGCGCTGA 557
Db 821 CCGGCCGAGCTGCGCTGA 840

```
RESULT 43
US-10-316-515-76
; Sequence 76, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 76
; LENGTH: 1879
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-316-515-76

Query Match
Best Local Similarity 100.0%; Score 20; DB 17; Length 1879;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 500 CCTTCTCATCCGGGAGGC 519

RESULT 44
US-10-062-674-1776
; Sequence 1776, Application US/10062674
; Publication No. US20040005559A1
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.
; TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
; FILE REFERENCE: PA-0028-1 CIP
; CURRENT APPLICATION NUMBER: US/10/062,674
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: US 09/625,102
; PRIOR FILING DATE: 2000-07-24
; NUMBER OF SEQ ID NOS: 2217
; SOFTWARE: PERL Program
; SEQ ID NO 1776
; LENGTH: 2017
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20040005559A1 245648.12
US-10-062-674-1776

Query Match
Best Local Similarity 1.7%; Score 20; DB 16; Length 2017;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 549 CCTTCTCATCCGGGAGGC 568

RESULT 45
US-09-997-722-233
; Sequence 233, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
```

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; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 233
; LENGTH: 2032
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-997-722-233

Query Match
Best Local Similarity 1.7%; Score 20; DB 11; Length 2032;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 500 CCTTCTCATCCGGGAGGC 519

RESULT 46
US-10-366-288-27
; Sequence 27, Application US/10366288
; Publication No. US20030216288A1
; GENERAL INFORMATION:
; APPLICANT: Powell, Douglas
; APPLICANT: Welch, Nadine S.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TITLE OF INVENTION: AIDS AND HIV-RELATED DISORDERS USING 1414, 1481, 1553,
; TITLE OF INVENTION: 34021, 1720, 1683, 1552, 1682, 1675, 12825, 9952, 5816,
; TITLE OF INVENTION: 10002, 1611, 1371, 14324, 126, 270, 312, 167, 326, 18926,
; TITLE OF INVENTION: 6747, 1793, 1784 OR 2045 MOLECULES
; FILE REFERENCE: MPI02-025P1RNMNM
; CURRENT APPLICATION NUMBER: US/10/366,288
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: 60/357,391
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/380,249
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: 60/391,306
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/406,297
; PRIOR FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 60/412,007
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: 60/417,508
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 60/432,318
; PRIOR FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 2032
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-366-288-27

Query Match
Best Local Similarity 1.7%; Score 20; DB 15; Length 2032;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 500 CCTTCTCATCCGGGAGGC 519

RESULT 47
US-10-316-515-4
; Sequence 4, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
```

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; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 4
; LENGTH: 2032
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (52)...(1581)
US-10-316-515-4

Query Match 1.7%; Score 20; DB 17; Length 2032;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 500 CCTTCTCATCCGGGAGAGC 519

RESULT 48
US-09-805-020-3
; Sequence 3, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 2034
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2034)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-3

Query Match 1.7%; Score 20; DB 9; Length 2034;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 562 CCTTCTCATCCGGGAGAGC 581

RESULT 49
US-09-960-706-954
; Sequence 954, Application US/09960706
; Publication No. US20030134280A1
; GENERAL INFORMATION:
; APPLICANT: Munger, William E.
; TITLE OF INVENTION: Identifying Drugs for and Diagnosis of Benign Prostatic Hyperplasia
; FILE REFERENCE: 44921-5029-01US
; CURRENT APPLICATION NUMBER: US/09/960,706
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: 60/223,323
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: 09/873,319
; PRIOR FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 954
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```

; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20030134280A1 U23852
US-09-960-706-954

Query Match 1.7%; Score 20; DB 10; Length 2129;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 508 CCTTCTCATCCGGGAGAGC 527

RESULT 50
US-10-305-720-1452
; Sequence 1452, Application US/10305720
; Publication No. US20040010136A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice K.; Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expression
; FILE REFERENCE: PA-0002-1 CON
; CURRENT APPLICATION NUMBER: US/10/305,720
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 09/016,434
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 1490
; SOFTWARE: PERL Program
; SEQ ID NO 1452
; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: GenBank ID No. US20040010136A1 g775207
US-10-305-720-1452

Query Match 1.7%; Score 20; DB 16; Length 2129;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 508 CCTTCTCATCCGGGAGAGC 527

RESULT 51
US-10-316-515-75
; Sequence 75, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 75
; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (60)...(1151)
US-10-316-515-75

Query Match 1.7%; Score 20; DB 17; Length 2129;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 508 CCTTCTCATCCGGGAGGC 527

RESULT 52

US-10-723-860-6251
; Sequence 6251, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlocnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6251
; LENGTH: 2227
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1926)..(1943)
; OTHER INFORMATION: n is a, c, g, or t
US-10-723-860-6251

Query Match 1.7%; Score 20; DB 18; Length 2227;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 585 CCTTCTCATCCGGGAGGC 604

RESULT 53

US-09-805-020-4
; Sequence 4, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 2282
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2282)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-4

Query Match 1.7%; Score 20; DB 9; Length 2282;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 736 CCTTCTCATCCGGGAGGC 755

RESULT 54

US-09-997-722-232
; Sequence 232, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 232
; LENGTH: 31842
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2500)
; OTHER INFORMATION: "n" at positions 1 through 2500 can be any base.

US-09-997-722-232
Query Match 1.7%; Score 20; DB 11; Length 31842;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 11316 CCTTCTCATCCGGGAGGC 11335

RESULT 55

US-10-087-192-1438/c
; Sequence 1438, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; FILE REFERENCE: 529452000122
; CURRENT APPLICATION NUMBER: US/10/087,192
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1438
; LENGTH: 177587
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(177587)
; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-1438

Query Match 1.7%; Score 20; DB 13; Length 177587;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 210 AGATCTCTCCAGCTGAGAC 229
|||||

Mon Jan 3 11:32:12 2005

```
Db 19473 AGATCTCTCCAGGCTGAGAG 19454
; Sequence 30106, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aemica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 30106
; LENGTH: 114
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC020596.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
; OTHER INFORMATION: SWISSPROT HIT: P52757, EVALUATE 2.00e-09
; OTHER INFORMATION: EST HUMAN HIT: AW950919.1, EVALUATE 2.00e-55
; OTHER INFORMATION: NT HIT: gill1431079, EVALUATE 5.00e-58
US-09-864-761-30106/c
Query Match 1.6%; Score 19; DB 9; Length 114;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 751 CCTCATCCGGAGAGCCAG 769
DB 51 CCTCATCCGGAGAGCCAG 33
RESULT 59
```

```
Db 19473 AGATCTCTCCAGGCTGAGAG 19454
; Sequence 3, Application US/10412277
; Publication No. US2003015791A1
; GENERAL INFORMATION:
; APPLICANT: GUEGLER, Karl et al
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; FILE REFERENCE: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; CURRENT APPLICATION NUMBER: US/10/412,277
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 786431
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(786431)
; OTHER INFORMATION: n = A,T,C or G
US-10-412-277-3
Query Match 1.7%; Score 20; DB 15; Length 786431;
Best Local Similarity 100.0%; Pred. No. 5.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 693 TGAGCAGGAGAAAGCAGAG 712
DB 412751 TGAGCAGGAGAAAGCAGAG 412770
RESULT 57
US-09-908-975-4510
; Sequence 4510, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; FILE REFERENCE: THAT POPULATE A TRANSCRIPTOME
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4510
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-908-975-4510
Query Match 1.6%; Score 19; DB 10; Length 65;
Best Local Similarity 100.0%; Pred. No. 53;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 395 ACAATGGGAAGTCTGCCCA 413
DB 2 ACAATGGGAAGTCTGCCCA 20
RESULT 58
```


US-10-425-115-73988
; Sequence 73988, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 73988
; LENGTH: 438
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_167477C.1
US-10-425-115-73988

Query Match 1.6%; Score 19; DB 18; Length 438;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCCTGTGCACAG 42
|||||
Db 302 GCCTGTGTCCTGTGCACAG 320

RESULT 60
US-10-072-602B-237
; Sequence 237, Application US/10073602B
; Publication No. US20030109670A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: McIntosh, J, Michael
; APPLICANT: Watkins, Wren
; APPLICANT: Garrett, James E.
; APPLICANT: Cruz, Lourdes J.
; APPLICANT: Grilley, Michelle
; APPLICANT: Schoenfeld, Robert M.
; APPLICANT: Walker, Craig
; APPLICANT: Shetty, Reshma
; APPLICANT: Jones, Robert M.
; TITLE OF INVENTION: Cone Snail Peptides
; FILE REFERENCE: 2314-249
; CURRENT APPLICATION NUMBER: US/10/072,602B
; CURRENT FILING DATE: 2002-02-11
; PRIOR APPLICATION NUMBER: US 60/267,408
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 638
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 237
; LENGTH: 510
; TYPE: DNA
; ORGANISM: Conus textile
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (223)..(471)
US-10-072-602B-237

Query Match 1.6%; Score 19; DB 15; Length 510;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 392 GGACAAATGGGAAGTCTGC 410
|||||
Db 390 GGACAAATGGGAAGTCTGC 408

RESULT 61
US-09-864-761-13565/c
; Sequence 13565, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 13565
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC020596.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
US-09-864-761-13565

Query Match 1.6%; Score 19; DB 9; Length 599;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 751 CCTCATCCGGAGAGCCAG 769
|||||
Db 75 CCTCATCCGGAGAGCCAG 57

RESULT 62
US-10-425-115-73950

```
; Sequence 27950, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 27950
; LENGTH: 753
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_125504C.1
; US-10-425-115-27950

Query Match          1.6%; Score 19; DB 18; Length 753;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 453 CTGTCCAAGGCCAGGACC 471
Db 272 CTGTCCAAGGCCAGGACC 290

RESULT 63
US-09-789-561-20/c
; Sequence 20, Application US/09789561
; Patent No. US20020064818A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 52 Human secreted proteins
; FILE REFERENCE: P2043P1
; CURRENT APPLICATION NUMBER: US/09/789,561
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/24008
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/152,317
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 60/152,315
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 1033
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-789-561-20

Query Match          1.6%; Score 19; DB 9; Length 1033;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 696 GCAGGGAGAAAGCAGGAGGA 714
Db 931 GCAGGGAGAAAGCAGGAGGA 913

RESULT 64
US-10-027-632-118578/c
; Sequence 118578, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118578
; LENGTH: 1125
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-118578

Query Match          1.6%; Score 19; DB 15; Length 1125;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 964 GCCCTGTGTCTGCAGAGG 982
Db 926 GCCCTGTGTCTGCAGAGG 908

RESULT 65
US-10-027-632-118578/c
; Sequence 118578, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118578
; LENGTH: 1125
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-118578

Query Match          1.6%; Score 19; DB 15; Length 1125;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 964 GCCCTGTGTCTGCAGAGG 982
Db 926 GCCCTGTGTCTGCAGAGG 908
```

```
RESULT 66
US-10-424-599-55347
; Sequence 55347, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Cao Yongwei
; APPLICANT: Zhou Yihua
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 5347
; LENGTH: 1133
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_20990C.1
US-10-424-599-55347

Query Match      1.6%; Score 19; DB 16; Length 1133;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 408 TGCCCGAGCAGAGAAATC 426
Db 834 TGCCCGAGCAGAGAAATC 852

RESULT 67
US-10-354-358-11
; Sequence 11, Application US/10354358
; Publication No. US20030157082A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc
; APPLICANT: Hunter, John Joseph
; APPLICANT: MacBeth, Kyle J.
; APPLICANT: Tsai, Fong-Ying
; APPLICANT: Lesoon, Andrea
; APPLICANT: Lightcap, Eric S.
; APPLICANT: Williamson, Mark
; APPLICANT: Rudolph-Owen, Laura A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TITLE OF INVENTION: CANCER USING 140, 1470, 1686, 2089, 2427, 3702, 5891, 6428,
; TITLE OF INVENTION: 7181, 7660, 25641, 69583, 49863, 8897, 1682, 17667, 9235,
; TITLE OF INVENTION: 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160,
; TITLE OF INVENTION: 9252, 9389, 1642, 85269, 10297, 1594, 9525, 14124, 4469,
; TITLE OF INVENTION: 8990, 2100, 9288, 64698, 10480, 20893, 33230, 1586, 9943,
; TITLE OF INVENTION: 16334, 68862, 9011, 14031, 6178, 21225, 1420, 32236, 2099,
; TITLE OF INVENTION: 2150, 26583, 2784, 8941, 9811, 27444, 50566 OR 66428 MOLECULES
; FILE REFERENCE: MP102-020P1RNM1M
; CURRENT APPLICATION NUMBER: US/10/354,358
; CURRENT FILING DATE: 2003-01-30
; PRIOR APPLICATION NUMBER: US 60/353,600
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/364,517
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US 60/371,075
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US 60/371,507
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: US 60/372,984
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: US 60/374,194
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/382,995
; PRIOR FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/385,023
; PRIOR FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: US 60/388,853
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/389,395
; PRIOR FILING DATE: 2002-06-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 1467
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1467)
US-10-354-358-11

Query Match      1.6%; Score 19; DB 15; Length 1467;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 742 AGGGGCGCTTCCTCATCCGG 760
Db 423 AGGGGCGCTTCCTCATCCGG 441

RESULT 68
US-10-280-576-25
; Sequence 25, Application US/10280576
; Publication No. US20040044405A1
; GENERAL INFORMATION:
; APPLICANT: Wolff, Matthew R.
; TITLE OF INVENTION: VASCULAR STENT OR GRAFT COATED OR IMPREGNATED WITH PROTEIN
; FILE REFERENCE: 09820.189
; CURRENT APPLICATION NUMBER: US/10/280,576
; CURRENT FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/343,732
; PRIOR FILING DATE: 2001-10-25
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 1490
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-280-576-25

Query Match      1.6%; Score 19; DB 16; Length 1490;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 742 AGGGGCGCTTCCTCATCCGG 760
Db 434 AGGGGCGCTTCCTCATCCGG 452

RESULT 69
US-10-126-962-1
; Sequence 1, Application US/10126962
; Publication No. US20040087783A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY D.
; APPLICANT: ONRUST, SUSAN
; APPLICANT: MARKBY, DAVID
; APPLICANT: COURTNEIDGE, SARA
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF SAD RELATED DISORDERS
; FILE REFERENCE: 034536-0497
; CURRENT APPLICATION NUMBER: US/10/126,962
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/099,053
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/049,914
; PRIOR FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
```

SEQ ID NO 1
LENGTH: 1548
TYPE: DNA
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Unknown mammalian
OTHER INFORMATION: nucleotide sequence
US-10-126-962-1

Query Match 1.6%; Score 19; DB 16; Length 1548;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCTTCTCATCCG 760
Db 471 AGGGGCTTCTCATCCG 489

RESULT 70
US-09-976-782-25
Sequence 25, Application US/09976782
Publication No. US20030190715A1
GENERAL INFORMATION:
APPLICANT: Grosse et al
TITLE OF INVENTION: No. US20030190715A1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-157
CURRENT APPLICATION NUMBER: US/09/976,782
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,113
PRIOR FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: 60/240,662
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,732
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,625
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,703
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/241,190
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,637
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,669
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/262,455
PRIOR FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: 60/240,648
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 1580
TYPE: DNA
ORGANISM: Homo sapiens
US-09-976-782-25

Query Match 1.6%; Score 19; DB 10; Length 1580;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCTTCTCATCCG 760
Db 455 AGGGGCTTCTCATCCG 473

RESULT 71
US-09-861-846-1
Sequence 1, Application US/09861846
Patent No. US20020110852A1
GENERAL INFORMATION:
APPLICANT: GUEGLER, Karl et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,

SEQ ID NO 1
LENGTH: 1833
TYPE: DNA
ORGANISM: Human
US-09-861-846-1

Query Match 1.6%; Score 19; DB 9; Length 1833;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 740 GGAGGGCTTCTCATCC 758
Db 157 GGAGGGCTTCTCATCC 175

RESULT 72
US-10-250-463-1
Sequence 1, Application US/10250463
Publication No. US20040106775A1
GENERAL INFORMATION:
APPLICANT: PE CORPORATION (NY)
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL001065
CURRENT APPLICATION NUMBER: US/10/250,463
CURRENT FILING DATE: 2003-07-02
PRIOR APPLICATION NUMBER: 09/752,821
PRIOR FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/861,846
PRIOR FILING DATE: 2001-05-22
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1833
TYPE: DNA
ORGANISM: Homo sapiens
US-10-250-463-1

Query Match 1.6%; Score 19; DB 17; Length 1833;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 740 GGAGGGCTTCTCATCC 758
Db 157 GGAGGGCTTCTCATCC 175

RESULT 73
US-10-739-930-5045
Sequence 5045, Application US/10739930
Publication No. US20040216190A1
GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53377)B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 5045
LENGTH: 2023
TYPE: DNA
ORGANISM: Triticum aestivum
FEATURE:

SEQ ID NO 1
LENGTH: 1548
TYPE: DNA
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Unknown mammalian
OTHER INFORMATION: nucleotide sequence
US-10-126-962-1

Query Match 1.6%; Score 19; DB 16; Length 1548;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCTTCTCATCCG 760
Db 471 AGGGGCTTCTCATCCG 489

RESULT 70
US-09-976-782-25
Sequence 25, Application US/09976782
Publication No. US20030190715A1
GENERAL INFORMATION:
APPLICANT: Grosse et al
TITLE OF INVENTION: No. US20030190715A1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-157
CURRENT APPLICATION NUMBER: US/09/976,782
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,113
PRIOR FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: 60/240,662
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,732
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,625
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,703
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/241,190
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,637
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,669
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/262,455
PRIOR FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: 60/240,648
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 1580
TYPE: DNA
ORGANISM: Homo sapiens
US-09-976-782-25

Query Match 1.6%; Score 19; DB 10; Length 1580;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCTTCTCATCCG 760
Db 455 AGGGGCTTCTCATCCG 473

RESULT 71
US-09-861-846-1
Sequence 1, Application US/09861846
Patent No. US20020110852A1
GENERAL INFORMATION:
APPLICANT: GUEGLER, Karl et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,

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; NAME/KEY: unsure
; LOCATION: (1)..(2023)
; PRIORITY INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Clone ID: TRIAE-23APR03-CLUSTER527_113
US-10-739-930-5045

Query Match
Best Local Similarity 1.6%; Score 19; DB 18; Length 2023;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 453 CTGTCCAGGCCAGGACC 471
Db 1717 CTGTCCAGGCCAGGACC 1735

RESULT 74
US-10-094-749-577
; Sequence 577, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOTYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 577
; LENGTH: 2120
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-094-749-577

Query Match
Best Local Similarity 1.6%; Score 19; DB 15; Length 2120;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAGGGGCTTCTCATCC 758
Db 280 GGAGGGGCTTCTCATCC 298

RESULT 75
US-10-305-720-1101
; Sequence 1101, Application US/10305720
; Publication No. US20040010136A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice K.; Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expression
; FILE REFERENCE: PA-0002-1 CON
; CURRENT APPLICATION NUMBER: US/10/305,720
```

```
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 09/016,434
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 1490
; SOFTWARE: PERL Program
; SEQ ID NO 1101
; LENGTH: 2771
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: GenBank ID No. US20040010136A1 g1256002
US-10-305-720-1101

Query Match
Best Local Similarity 1.6%; Score 19; DB 16; Length 2771;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 585 CTGAGGATGGAGACTGGTG 603
Db 1305 CTGAGGATGGAGACTGGTG 1323

RESULT 76
US-10-087-192-416
; Sequence 416, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; FILE REFERENCE: 529452000122
; CURRENT APPLICATION NUMBER: US/10/087,192
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 416
; LENGTH: 3103
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-087-192-416

Query Match
Best Local Similarity 1.6%; Score 19; DB 13; Length 3103;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGCTTCCCAAGC 338
Db 960 CAGAGCTGCTTCCCAAGC 978

RESULT 77
US-10-331-053-2
; Sequence 2, Application US/10331053
; Publication No. US20040197778A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001100
; CURRENT APPLICATION NUMBER: US/10/331,053
; CURRENT FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 3107
; TYPE: DNA
; ORGANISM: Mus musculus
```

US-10-331-053-2

Query Match 1.6%; Score 19; DB 18; Length 3107;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGTCTCCCAAGC 338
DB 962 CAGAGCTGTCTCCCAAGC 980

RESULT 78

US-10-369-493-46381/c
; Sequence 46381, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 46381
; LENGTH: 4207
; TYPE: DNA
; ORGANISM: Schizosaccharomyces pombe
US-10-369-493-46381

Query Match 1.6%; Score 19; DB 15; Length 4207;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 411 CCAGCAGAGAGAAATCTCT 429
DB 3095 CCAGCAGAGAGAAATCTCT 3077

RESULT 79

US-10-062-674-2048/c
; Sequence 2048, Application US/10062674
; Publication No. US2004000559A1
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.
; TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
; FILE REFERENCE: PA-0026-1 CIP
; CURRENT APPLICATION NUMBER: US/10/062,674
; CURRENT FILING DATE: 2002-01-30
; PRIOR FILING DATE: 2000-07-24
; NUMBER OF SEQ ID NOS: 2217
; SOFTWARE: PERL Program
; SEQ ID NO 2048
; LENGTH: 4720
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US2004000559A1 422072.14
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1) ... (4720)
; OTHER INFORMATION: a, t, c, g, or other
US-10-062-674-2048

Query Match 1.6%; Score 19; DB 16; Length 4720;
Best Local Similarity 100.0%; Pred. No. 32;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 585 CTGAGGATGGAGACTGGTG 603
DB 3421 CTGAGGATGGAGACTGGTG 3403

RESULT 80

US-10-437-963-29812
; Sequence 29812, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 29812
; LENGTH: 6779
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_34278C.1
US-10-437-963-29812

Query Match 1.6%; Score 19; DB 17; Length 6779;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1127 TCCTCAGCTTCTACATCA 1145
DB 1465 TCCTCAGCTTCTACATCA 1483

RESULT 81

US-10-723-860-1073
; Sequence 1073, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1073
; LENGTH: 33414
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-860-1073

Query Match 1.6%; Score 19; DB 18; Length 33414;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 GCAGAGAGACGACAGGCCA 503
DB 32483 GCAGAGAGACGACAGGCCA 32501

RESULT 82

US-10-087-192-415
; Sequence 415, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: CANCER
; FILE REFERENCE: 52945200122
; CURRENT APPLICATION NUMBER: US/10/087,192
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 415
; LENGTH: 189158
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(189158)
; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-415

Query Match 1.6%; Score 19; DB 13; Length 189158;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGCTTCCCAAGC 338
Db 166937 CAGAGCTGCTTCCCAAGC 166955

RESULT 83

US-10-331-053-1
; Sequence 1, Application US/10331053
; Publication No. US20040197778A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001100
; CURRENT APPLICATION NUMBER: US/10/331,053
; CURRENT FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 192673
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(192673)
; OTHER INFORMATION: n = A,T,C or G
US-10-331-053-1

Query Match 1.6%; Score 19; DB 18; Length 192673;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGCTTCCCAAGC 338
Db 170455 CAGAGCTGCTTCCCAAGC 170473

RESULT 84

US-10-699-156-2/c

; Sequence 2, Application US/10699156
; Publication No. US20040197799A1
; GENERAL INFORMATION:
; APPLICANT: Williamson, Robert
; APPLICANT: Dahl, Hans-Henrik
; APPLICANT: Forrest, Susan
; APPLICANT: Delatycki, Martin
; APPLICANT: Wilcox, Stephen
; APPLICANT: de Silva, Michelle
; APPLICANT: Elliott, Katherine
; APPLICANT: Lynch, Michael
; TITLE OF INVENTION: DETERMINATION OF A GENETIC PREDISPOSITION FOR BEHAVIORAL DISORDER
; FILE REFERENCE: A36055-PCT-USA-A 071838-0143
; CURRENT APPLICATION NUMBER: US/10/699,156
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/AU02/00556
; PRIOR APPLICATION NUMBER: 2002-05-03
; PRIOR APPLICATION NUMBER: AU PR4756
; PRIOR FILING DATE: 2001-05-03
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/295811
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: AU PR5426
; PRIOR FILING DATE: 2001-06-04
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 483728
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19734)...(19962)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (69768)...(69974)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (94975)...(95181)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (127559)...(130531)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (142395)...(143725)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (152195)...(154039)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (167914)...(168120)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (170745)...(173326)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (179281)...(182018)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (208000)...(209952)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (224704)...(224953)
; OTHER INFORMATION: n = any nucleotide

FEATURE:
NAME/KEY: misc feature
LOCATION: (231493)..(233474)
OTHER INFORMATION: n = any nucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (239274)..(247177)
OTHER INFORMATION: n = any nucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (262462)..(263424)
OTHER INFORMATION: n = any nucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (283171)..(283390)
OTHER INFORMATION: n = any nucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (285365)..(288406)
OTHER INFORMATION: n = any nucleotide
US-10-699-156-2

Query Match 1.6%; Score 19; DB 18; Length 483728;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1091 GGGGAGGAGTCTCTCTCA 1109
Db 223925 GGGGAGGAGTCTCTCTCA 223907

RESULT 85
US-10-425-115-136942
Sequence 136942, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369126
SEQ ID NO 136942
LENGTH: 123
TYPE: DNA
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: MRT4577_56369C.1
US-10-425-115-136942

Query Match 1.5%; Score 18; DB 18; Length 123;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 836 CACTACAGGATCCACTGC 853
Db 39 CACTACAGGATCCACTGC 56

RESULT 86
US-09-738-626-3261
Sequence 3261, Application US/09738626
Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAI, KEIKO

APPLICANT: YOKOI, HARUHIKO
APPLICANT: TATEISHI, NAKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: Patent in ver. 3.0
SEQ ID NO 3261
LENGTH: 204
TYPE: DNA
ORGANISM: Corynebacterium glutamicum
US-09-738-626-3261

Query Match 1.5%; Score 18; DB 9; Length 204;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1150 GAATGACGAGGCTGCTC 1167
Db 111 GAATGACGAGGCTGCTC 128

RESULT 87
US-10-437-963-26242
Sequence 26242, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 26242
LENGTH: 219
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_31051C.1
US-10-437-963-26242

Query Match 1.5%; Score 18; DB 17; Length 219;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 428 CTGCCAAGCCCAAGCTTG 445
Db 128 CTGCCAAGCCCAAGCTTG 145

RESULT 88
US-10-437-963-35410/c
Sequence 35410, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:

; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad

; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 35410
; LENGTH: 304
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_39332C.1
US-10-437-963-35410

Query Match 1.5%; Score 18; DB 17; Length 304;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 243 TCCCTCCCTGGCTCGGCT 226

RESULT 89
US-10-437-963-47957/c
; Sequence 47957, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 47957
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_50677C.1
US-10-437-963-47957

Query Match 1.5%; Score 18; DB 17; Length 311;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 250 TCCCTCCCTGGCTCGGCT 233

RESULT 90
US-10-437-963-96032/c
; Sequence 96032, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad

; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 96032
; LENGTH: 365
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_94167C.1
US-10-437-963-96032

Query Match 1.5%; Score 18; DB 17; Length 365;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 304 TCCCTCCCTGGCTCGGCT 287

RESULT 91
US-10-437-963-84460/c
; Sequence 84460, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 84460
; LENGTH: 374
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_83695C.1
US-10-437-963-84460

Query Match 1.5%; Score 18; DB 17; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 313 TCCCTCCCTGGCTCGGCT 296

RESULT 92
US-09-918-995-8609
; Sequence 8609, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

```

; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8609
; LENGTH: 402
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-8609

Query Match      1.5%; Score 18; DB 10; Length 402;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      416 AGAAGAAATCTCTGCCA 433
Db      3 AGAAGAAATCTCTGCCA 20

RESULT 93
US-09-983-965-1815
; Sequence 1815, Application US/09983965
; Patent No. US20020137160A1
; GENERAL INFORMATION:
; APPLICANT: Warren, Wesley C.
; APPLICANT: Tao, Mengbing
; APPLICANT: Byatt, John C.
; APPLICANT: Machialagan, Nagappan
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
; FILE REFERENCE: 37-21(10297)C
; CURRENT APPLICATION NUMBER: US/09/983,965
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 09/465,231
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/113,678
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 5912
; SEQ ID NO 1815
; LENGTH: 403
; TYPE: DNA
; ORGANISM: Bos taurus
; FEATURE:
; OTHER INFORMATION: Clone ID: 02-LIB3057-001-Q1-K1-A9
US-09-983-965-1815

Query Match      1.5%; Score 18; DB 9; Length 403;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      902 CTCAGAGCCCTGGTGGAC 919
Db      376 CTCAGAGCCCTGGTGGAC 393

RESULT 94
US-09-732-627A-2773/c
; Sequence 2773, Application US/09732627A
; Publication No. US20040123338A1
; GENERAL INFORMATION:
; APPLICANT: Fincher, Karen L.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(51770)B
; CURRENT APPLICATION NUMBER: US/09/732,627A
; CURRENT FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 4930
; SEQ ID NO 2773
; LENGTH: 408
; TYPE: DNA
; ORGANISM: Gossypium hirsutum
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3493-008-P1-M1-E8
US-09-732-627A-2773

Query Match      1.5%; Score 18; DB 11; Length 408;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      328 TCTTCCCAAGCCTTTGAT 345
Db      284 TCTTCCCAAGCCTTTGAT 267

RESULT 95
US-10-425-115-133328/c
; Sequence 133328, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 133328
; LENGTH: 467
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_53084C.1
US-10-425-115-133328

Query Match      1.5%; Score 18; DB 18; Length 467;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      163 GCAGACAGATGCTGAGCT 180
Db      115 GCAGACAGATGCTGAGCT 98

RESULT 96
US-10-027-632-195991
; Sequence 195991, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Clone ID: 02-LIB3057-001-Q1-K1-A9
US-09-983-965-1815
```

```

; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8609
; LENGTH: 402
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-8609

Query Match      1.5%; Score 18; DB 10; Length 402;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      416 AGAAGAAATCTCTGCCA 433
Db      3 AGAAGAAATCTCTGCCA 20

RESULT 93
US-09-983-965-1815
; Sequence 1815, Application US/09983965
; Patent No. US20020137160A1
; GENERAL INFORMATION:
; APPLICANT: Warren, Wesley C.
; APPLICANT: Tao, Mengbing
; APPLICANT: Byatt, John C.
; APPLICANT: Machialagan, Nagappan
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
; FILE REFERENCE: 37-21(10297)C
; CURRENT APPLICATION NUMBER: US/09/983,965
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 09/465,231
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/113,678
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 5912
; SEQ ID NO 1815
; LENGTH: 403
; TYPE: DNA
; ORGANISM: Bos taurus
; FEATURE:
; OTHER INFORMATION: Clone ID: 02-LIB3057-001-Q1-K1-A9
US-09-983-965-1815

Query Match      1.5%; Score 18; DB 9; Length 403;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      902 CTCAGAGCCCTGGTGGAC 919
Db      376 CTCAGAGCCCTGGTGGAC 393

RESULT 94
US-09-732-627A-2773/c
; Sequence 2773, Application US/09732627A
; Publication No. US20040123338A1
; GENERAL INFORMATION:
; APPLICANT: Fincher, Karen L.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(51770)B
; CURRENT APPLICATION NUMBER: US/09/732,627A
; CURRENT FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 4930
; SEQ ID NO 2773
; LENGTH: 408
; TYPE: DNA
; ORGANISM: Gossypium hirsutum
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3493-008-P1-M1-E8
US-09-732-627A-2773
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195991
; LENGTH: 474
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195991
```

```
Query Match          1.5%; Score 18; DB 13; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 541 GGCCGAGCTGTCGCTGAG 558
    |||||
Db 286 GGCCGAGCTGTCGCTGAG 303
```

RESULT 97

```
US-10-027-632-195991
; Sequence 195991, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
```

```
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 10827.129
```

```
; CURRENT APPLICATION NUMBER: US/10/027,632
```

```
; CURRENT FILING DATE: 2002-04-30
```

```
; PRIOR APPLICATION NUMBER: US 60/218,006
```

```
; PRIOR FILING DATE: 2000-07-12
```

```
; PRIOR APPLICATION NUMBER: US 60/198,676
```

```
; PRIOR FILING DATE: 2000-04-20
```

```
; PRIOR APPLICATION NUMBER: US 60/193,483
```

```
; PRIOR FILING DATE: 2000-03-29
```

```
; PRIOR APPLICATION NUMBER: US 60/185,218
```

```
; PRIOR FILING DATE: 2000-02-24
```

```
; PRIOR APPLICATION NUMBER: US 60/167,363
```

```
; PRIOR FILING DATE: 1999-11-23
```

```
; PRIOR APPLICATION NUMBER: US 60/156,358
```

```
; PRIOR FILING DATE: 1999-09-28
```

```
; PRIOR APPLICATION NUMBER: US 60/146,002
```

```
; PRIOR FILING DATE: 1999-08-09
```

```
; NUMBER OF SEQ ID NOS: 325720
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 195991
```

```
; LENGTH: 474
```

```
; TYPE: DNA
```

```
; ORGANISM: Human
```

```
US-10-027-632-195991
```

```
Query Match          1.5%; Score 18; DB 15; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 541 GGCCGAGCTGTCGCTGAG 558
    |||||
Db 286 GGCCGAGCTGTCGCTGAG 303
```

RESULT 98

```
US-09-918-995-26739
; Sequence 26739, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Hyseq, Inc.
```

```
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
```

```
; FILE REFERENCE: 20411-756
```

```
; CURRENT APPLICATION NUMBER: US/09/918,995
```

```
; CURRENT FILING DATE: 2001-07-30
```

```
; PRIOR APPLICATION NUMBER: US/09/235,076
```

```
; PRIOR FILING DATE: 1999-01-20
```

```
; NUMBER OF SEQ ID NOS: 38054
```

```
; SOFTWARE: FastSeq for Windows Version 3.0
```

```
; SEQ ID NO 26739
; LENGTH: 487
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-26739
```

```
Query Match          1.5%; Score 18; DB 10; Length 487;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 654 ACGTGGCAAGTCTCCCC 671
    |||||
Db 448 ACGTGGCAAGTCTCCCC 465
```

RESULT 99

```
US-09-918-995-38019
; Sequence 38019, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Hyseq, Inc.
```

```
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
```

```
; FILE REFERENCE: 20411-756
```

```
; CURRENT APPLICATION NUMBER: US/09/918,995
```

```
; CURRENT FILING DATE: 2001-07-30
```

```
; PRIOR APPLICATION NUMBER: US/09/235,076
```

```
; PRIOR FILING DATE: 1999-01-20
```

```
; NUMBER OF SEQ ID NOS: 38054
```

```
; SOFTWARE: FastSeq for Windows Version 3.0
```

```
; SEQ ID NO 38019
```

```
; LENGTH: 491
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
; FEATURE:
```

```
; NAME/KEY: misc_feature
```

```
; LOCATION: (1)...(491)
```

```
; OTHER INFORMATION: n = A,T,C or G
```

```
US-09-918-995-38019
```

```
Query Match          1.5%; Score 18; DB 10; Length 491;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 416 AGAAGAAAATCTTGCCA 433
    |||||
Db 416 AGAAGAAAATCTTGCCA 433
```

RESULT 100

```
US-10-027-632-270409
; Sequence 270409, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wang, David G.
```

```
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
```

```
; FILE REFERENCE: 10827.129
```

```
; CURRENT APPLICATION NUMBER: US/10/027,632
```

```
; CURRENT FILING DATE: 2002-04-30
```

```
; PRIOR APPLICATION NUMBER: US 60/218,006
```

```
; PRIOR FILING DATE: 2000-07-12
```

```
; PRIOR APPLICATION NUMBER: US 60/198,676
```

```
; PRIOR FILING DATE: 2000-04-20
```

```
; PRIOR APPLICATION NUMBER: US 60/193,483
```

```
; PRIOR FILING DATE: 2000-03-29
```

```
; PRIOR APPLICATION NUMBER: US 60/185,218
```

```
; PRIOR FILING DATE: 2000-02-24
```

```
; PRIOR APPLICATION NUMBER: US 60/167,363
```

```
; PRIOR FILING DATE: 1999-11-23
```

```
; PRIOR APPLICATION NUMBER: US 60/156,358
```

```
; PRIOR FILING DATE: 1999-09-28
```

```
; PRIOR APPLICATION NUMBER: US 60/146,002
```

```

; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270409
; LENGTH: 497
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-270409

Query Match      1.5%; Score 18; DB 13; Length 497;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      269 CCAGAGGGCCCCCAAG 286
Db      277 CCAGAGGGCCCCCAAG 294

Search completed: December 30, 2004, 18:00:06
Job time : 739 secs

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